

Utah State University

DigitalCommons@USU

---

Commencement Programs

Students

---

5-1984

## Utah State University Commencement, 1984

Utah State University

Follow this and additional works at: <https://digitalcommons.usu.edu/commencement>

---

### Recommended Citation

Utah State University, "Utah State University Commencement, 1984" (1984). *Commencement Programs*. 60.

<https://digitalcommons.usu.edu/commencement/60>

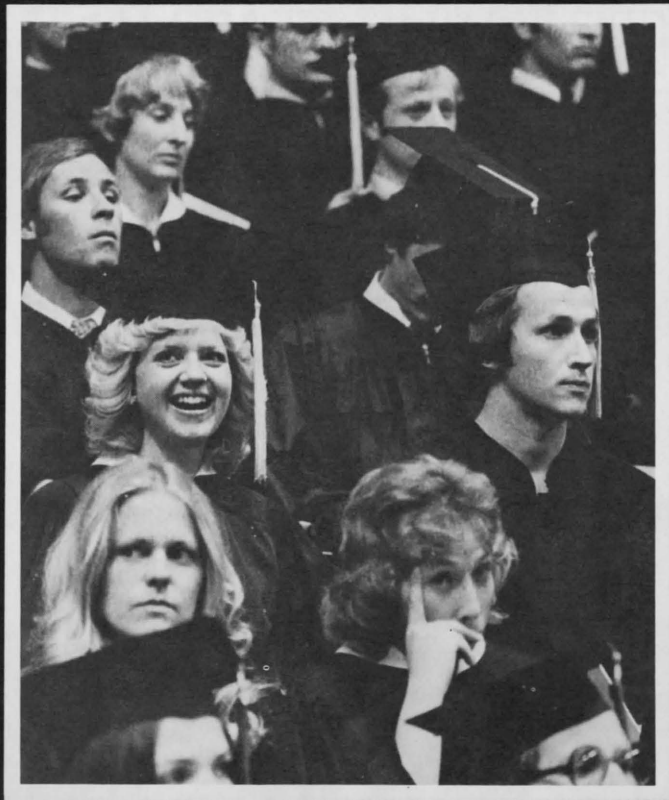
This Book is brought to you for free and open access by the Students at DigitalCommons@USU. It has been accepted for inclusion in Commencement Programs by an authorized administrator of DigitalCommons@USU. For more information, please contact [digitalcommons@usu.edu](mailto:digitalcommons@usu.edu).

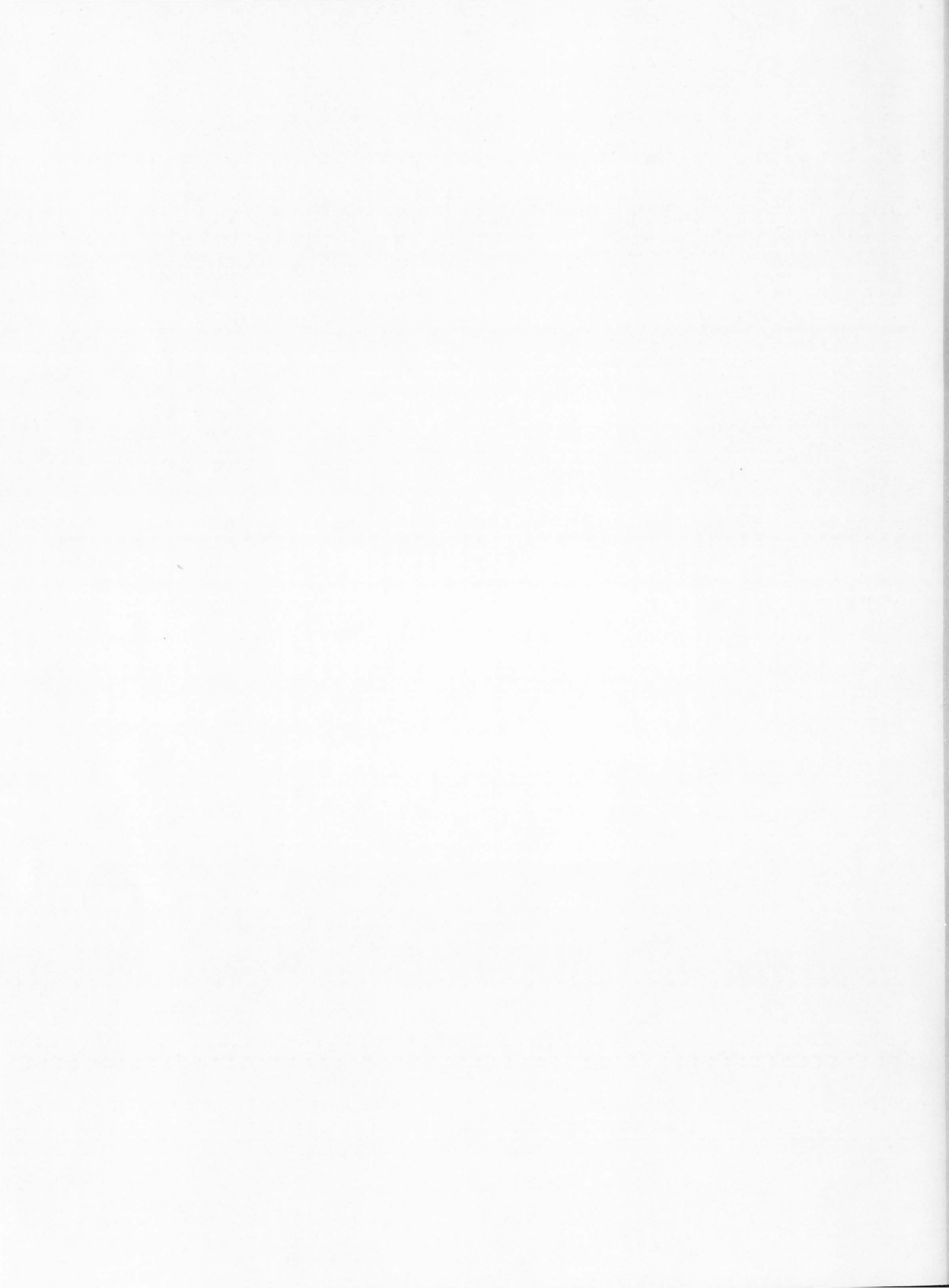


1984

13.2/1  
1984 Commencement Program Ceremonies

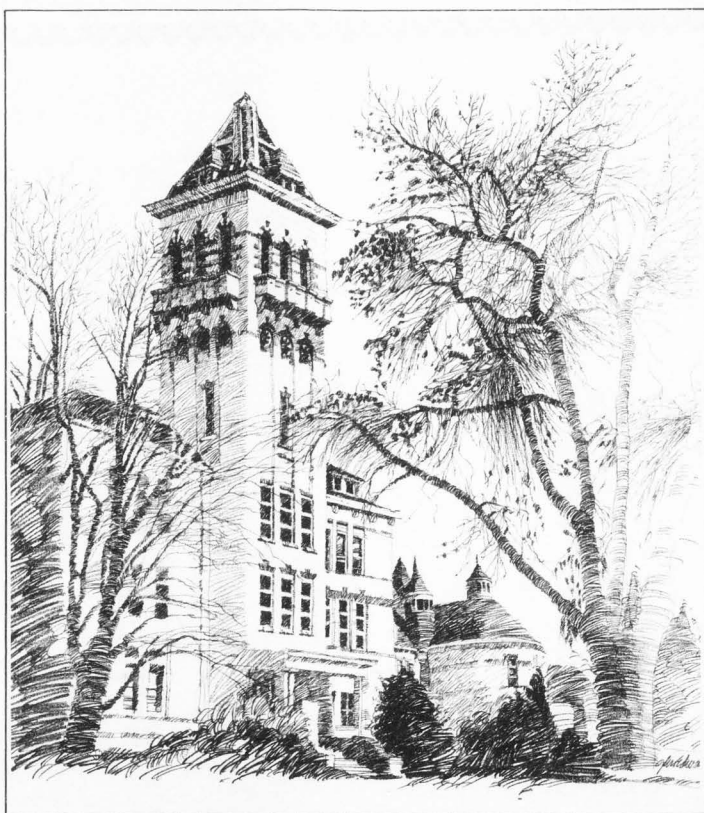








THE NINETY-FIRST ANNUAL  
COMMENCEMENT CEREMONIES  
UTAH STATE UNIVERSITY



---

JUNE 2

THE SPECTRUM

---

1984

---

---

## THE NINETY-FIRST ANNUAL COMMENCEMENT

---

# SCHEDULE OF EVENTS

Friday, June 1, 1984

RESERVE OFFICER TRAINING CORPS  
COMMISSIONING CEREMONIES

10:30 a.m., Eccles Conference Center Auditorium

11:30 a.m., Reception, Eccles Conference Center Lounge

SPOUSE RECOGNITION CEREMONIES

Honoring spouses of graduating students

1:00 p.m., Chase Fine Arts Center Morgan Theatre

COLLEGE OPEN HOUSES

3:00-4:00 p.m., college locations

PRESIDENT'S RECEPTION

A reception hosted by President and Mrs. Stanford Cazier for all graduates, their parents, and friends

4:30-6:00 p.m., Taggart Student Center Sunburst Lounge

GRADUATION SMORGASBORD DINNER AND POPS CONCERTS

6:00 and 7:30 p.m., Smorgasbord Dinner, Taggart Student Center Carousel Square

6:00 and 7:30 p.m., Pops Concerts, Chase Fine Arts Center Kent Concert Hall

Saturday, June 2, 1984

ACADEMIC PROCESSION

8:30 a.m., Taggart Student Center to Spectrum (via Eighth East Street)

COMMENCEMENT CEREMONIES

9:00 a.m., Spectrum

COLLEGE GRADUATION CEREMONIES

11:30 a.m.

College of Engineering, Chase Fine Arts Center Kent Concert Hall

College of Agriculture, Chase Fine Arts Center Morgan Theatre

College of Business, Spectrum

College of Natural Resources, University Amphitheatre (alternate location in case of bad weather, Eccles Conference Center Auditorium)

College of Science, Taggart Student Center Ballroom

2:00 p.m.

College of Family Life, Chase Fine Arts Center Morgan Theatre

College of Humanities, Arts and Social Sciences, Spectrum

College of Education, Chase Fine Arts Center Kent Concert Hall

COMMENCEMENT PICNIC LUNCHEON

11:30 a.m.-2:00 p.m., University Quadrangle

# Graduation

Saturday Morning, June 2, 1984

9:00 a.m.

PRESIDENT STANFORD CAZIER, Conducting

## PROCESSIONAL

Grand March. . . . . Percy Fletcher

University Symphonic Band  
Dennis D. Griffin, Conductor

## NATIONAL ANTHEM

The Star Spangled Banner . . . . . Francis Scott Key

University Symphonic Band

## INVOCATION

Susan K. Costley

Recipient, University Citizenship Award

## MUSICAL SELECTION

Americans We March. . . . . Henry Fillmore

University Symphonic Band

## ADDRESS TO GRADUATES

William C. Norris

Chairman and Chief Executive Officer  
Control Data Corporation

## MUSICAL SELECTION

A Ceremonial Fanfare. . . . . Alfred Reed

University Symphonic Band

## CONFERRING OF DEGREES

Stanford Cazier

President, Utah State University

## MUSICAL SELECTION

Alma Mater Hymn. . . . . Theodore M. Burton

University Symphonic Band

## BENEDICTION

Timon Lee Marshall

Recipient, University Citizenship Award

## RECESSIONAL

Regal Procession . . . . . Clifton Williams

University Symphonic Band

## Honor Graduates

The quality of performance in academic work enables the following to be graduated with distinction. Those who have met residence requirements and have maintained a grade point average of 3.80 to 4.00 are graduated *Magna Cum Laude*; those whose average is 3.50 to 3.79, *Cum Laude*.

### Magna Cum Laude

Albiston, Craig L.  
Allen, Elaine  
Amberson, Margaret Ruth  
Archibald, Blake Dean  
Ashcroft, Becky  
Bailey, Barbara J.  
Berry, Kenneth J.  
Betz, David W.  
Black, Judith E.  
Braithwaite, Naoma W.  
Brown, Fon R. III  
Bunker, Clint Oren  
Cardon, Joel G.  
Chiao, Chig  
Child, Douglas W.  
Christensen, Claudia Glynn  
Christiansen, Kathy Ann  
Clark, Patricia  
Cole, Lynette E.  
Collins, Richard Ellison, Jr.  
Cooper, Denise  
Costly, Susan K.  
Crist, Rick A.  
Crittenden, Callie  
Cunningham, Larry Leon  
Dart, Kathleen C.  
Darter, Michelle N.  
Datwyler, Kimberly Carter  
Decker, Cynthia  
Doster, Glenn Craig  
Doxey, Annelie Olsen  
Forsgren, Kevin Don  
Franchina, Elizabeth Kay  
Funk, Craig Chambers  
Gardner, Trudy  
Gibbons, Kenneth A.  
Gichuki, Francis Ndegwa  
Hales, Kurt A.  
Hansen, Sharalyn Jensen  
Hardy, Susan  
Henderson, Jenny Lynn Clark  
Hill, Debra M.

Holm, Richard T.  
Hunter, Kerry Lorin  
Hurst, Gary L.  
Ishii, Shelly Kim  
Jacobs, Vicki Lee  
Janes, Mark Ferris  
Johnson, Bart J.  
Johnson, Corey B.  
Johnson, Dale Maurice  
Johnson, Jan M.  
Johnson, Cindi Lou Taylor  
Johnson, Julie M.  
Kragthorpe, Kurt D.  
Krannich, Marilyn Kay  
Larson, Margaret Vance  
Lean, Linda E.  
Loveland, Susan M.  
Lundstrom, Ronald S.  
Lyman, Terry A.  
Marshall, Timon Lee  
Mathews, Gail Elaine  
Maughan, Kristen Kartchner  
McElprang, Teri L.  
Meyer, Kelly Joseph  
Mills, Judith Carol  
Misener, Terri T.  
Mortenson, Steven W.  
Nancollas, Daryl  
Nash, Julie E. Henderson  
Neeley, Stephen Funk  
Neff, David W.  
Nye, Jeni Hiatt  
Nyman, Shari A. Mortenson  
Olsen, Janet Sue Kidd  
Ottosen, Garry  
Papenfuss, David R.  
Parkin, Jay D.  
Parry, Tawna Edman  
Patterson, Bart James  
Peterson, Margarette Ruth Hall  
Pignanelli, Judith T.  
Potter, Ellen Marie  
Potts, Douglas A.  
Riches, Karen  
Rickert, Sheri Ann  
Robinson, Jerry C.  
Robbins, Brenda R.  
Savenko, Cheryl Lynn  
Sherlock, Karen Fox  
Shupe, James G.  
Siddoway, Jodi Wightman  
Smith, Michael Maughan  
Smith, Tracy White  
Smoot, Shane Dee  
Sollender, David W.  
Soto, Phyllis Jensen  
Stettler, Cleon Richard

Tanner, Lynda S.  
Tervort, Teriko  
Tjarks, Susan Beckstead  
Walden, Von P.  
Walker, Rachel Ann  
Wallentine, Sandra Lyn Godfrey  
Wolfley, Richard Earl  
Wurst, Nancy R.

### Cum Laude

Adams, Kline R.  
Adams, Marilee Hatch  
Aitken, Nyla J.  
Allen, Paul Laron  
Allred, J Brian  
Allwein, Leslie Ann  
Andersen, Susan Hilton  
Anderson, Karin  
Anderson, Marc O.  
Anderson, Michael L.  
Anderson, Paulette  
Anderson, Rodney S.  
Anderson, Thomas T.  
Atkinson, Steven W.  
Aycok, Kristy Carver  
Baker, Tina Shepardson  
Bailey, Richard  
Banks, Nancy Elizabeth  
Bartley, Peter M.  
Barton, Clark M.  
Bastian, Eric D.  
Baugh, Janet Parker  
Bean, LaRue  
Beaulieu, Tanya Young  
Beck, Layne Mark  
Beck, Milton M.  
Bennett, Wayne C.  
Berrett, Scott Harold  
Birch, Mark U.  
Black, Edward Lee  
Blackham, Lisa  
Blake, John S.  
Blakesley, Jennifer A.  
Bodily, Michael A.  
Bowen, Bruce Albert  
Braley, Douglas Scott  
Briscoe, Gregory G.  
Brown, Lance Ray  
Brown, Shannon J.  
Buchanan, Virginia M.  
Burn, Jerry  
Burnett, Leah P.  
Callaghan, Kevin Michael  
Camp, Leonidas  
Capener, Cindy L.

Carter, Monica Ann  
 Carter, Neil F.  
 Chambers, David Hyer  
 Cheatham, Linda K.  
 Clark, Paul T.  
 Clyde, Mark E.  
 Colton, Michael Charles  
 Colvin, Robert Alan  
 Compton, Christie Jan  
 Corry, Shauna Jerolene  
 Cutler, Denise Olson  
 Dargan, Margaret Patala  
 Dean, Lisa Kaye  
 Dibble, Ellen  
 Dressler, Tracy Lynne Hill  
 Dwyer, Eric Scott  
 Edwards, David P.  
 Epperson, Diana R.  
 Evertsen, Sharon Jane  
 Finnerty, Teri Ann  
 Friedrich, Jennifer L.  
 Fullerton, Tod H.  
 Gale, Cindy Esplin  
 Gashgari, Amal D.  
 Gilmore, Patrick Dale  
 Gindler, Nelia J.  
 Goode, Georgiann  
 Goodwin, Janilee  
 Gordon, Philippa  
 Green, Rochelle  
 Greenwood, James Robert  
 Griffin, SueLyn Burton  
 Griggs, Derek Preston  
 Gutshall, Nanette Marie  
 Hagedorn, David K.  
 Hansen, Eldon J.  
 Hansen, Mary Ann  
 Harris, Douglas G.  
 Hatch, Kellan L.  
 Havertz, Sherri Lee  
 Hawkes, Elaine Watkins  
 Hawkes, James A.  
 Hirschi, Diana  
 Holbrook, Todd C.  
 Hook, Jono B.  
 Hourmanesh, Najmeh  
 Humpherys, John S.  
 Hunting, Robert T.  
 Hurst, Lori A.  
 Hurst, Nikki C.  
 James, Marilyn K.  
 Jenkins, Lee R.  
 Jenks, Norman W.  
 Jensen, Eileen  
 Jerman, Steven R.  
 Johansen, Richard B.  
 Johnson, LeAnn Allen

Jones, Eve M.  
 Jones, Randy K.  
 Jorgensen, Norman Victor  
 Karbasi, Abraham  
 Kerr, David S.  
 Kidman, Debora  
 Kinder, David K.  
 Klemm, Anne Moss  
 Knighton, Linda Patricia  
 Knowlton, Jean L.  
 Kontas, Kim  
 Koop, Kenneth N.  
 Larsen, Chris Thomas  
 Larsen, E. Wayne  
 Larson, George Brent  
 Larson, Michael J.  
 Lauritzen, Christopher Smith  
 Law, Leslie Williams  
 Lepley, Jennifer  
 Lewis, Todd  
 Libby, Jeanine Lee  
 Lim, Git Lee  
 Litz, William Jackson  
 Lloyd, Linda  
 Loken, Valerie Ann  
 Loucks, Bradley Keith  
 Lundberg, Jim F.  
 Lutz, Scott Nolan  
 Maekawa, Masako  
 Major, Dale L.  
 Malicka, Agnieszka  
 Manwaring, Trudy Withers  
 Mason, Bruce T.  
 McArthur, Scott Lee  
 McDermott, Reed M.  
 McGowan, Kathleen Louise  
 McLean, Hamish A.  
 Meservy, James Bradford  
 Middlebrooks, Linda Tracey  
 Miles, Nancy R.  
 Miller, Charlotte  
 Miller, Janice Marie  
 Miller, Sherrie Kay  
 Moore, Brenda Maxine  
 Morton, Cathy Jane  
 Moser, Marilyn M.  
 Moss, Ned W.  
 Mueggler, Michelle Louise  
 Mueller, Connie Lynn  
 Muhlestein, Jerilyn  
 Nelson, Scott L.  
 Nickas, George  
 Nickerson, Dara Lynn  
 Nielsen, Annette  
 Nielsen, Janice  
 Nielson, Vicki Ann Smith  
 O'Brien, Arville Atkinson

Ostermiller, Bryan Dee  
 Pack, Sylvia Davis  
 Perkes, Brenda Sue Bowman  
 Peterson, Dawn Marie  
 Peterson, Pauline J.  
 Pickett, Blake B.  
 Pinkston, Darlene  
 Pitcher, Jill S.  
 Prestgard, Greg A.  
 Reeves, Todd S.  
 Rogers, Paul C.  
 Roop, Shirley  
 Rosa, Janet L.  
 Sampson, Debra Wolf  
 Sanderson, Marilynn  
 Savage, Ralph Leon  
 Seeholzer, Patti West  
 Self, Sue Potter  
 Shea, Noreen  
 Sidwell, Lyle G.  
 Skidmore, Jon Bullock  
 Small, Penny L.  
 Smith, Bonnie Baird  
 Smith, Irene Louise Tolson  
 Smith, James C.  
 Smith, Peggy Marie  
 Smith, Scott James  
 Smith, Tana  
 Smith, Tim Gray  
 Sorensen, J. Chris  
 Sorey, Paul Stewart  
 Sorge, David G.  
 Spackman, Paul E.  
 Staub, Kenneth A.  
 Steggell, Carmen Dobson  
 Stoddard, Gary William  
 Strickler, Donald L.  
 Sullivan, Keith Edward  
 Sullivan, Kelly R.  
 Sylvester, Marcus A.  
 Taylor, Robert D.  
 Terry, Ronald P.  
 Thomas, Elizabeth Louise Rice  
 Thorley, Frank Craig  
 Thorpe, Paula Munns  
 Valenzenza, Michael  
 Wach, Diana C.  
 Wahlen, G. Blake  
 Wallin, Marsha Duke  
 Ward, Bruce G.  
 Watkins, Kaye  
 West, Howard John  
 Weston, Max B.  
 Winn, Garth A.  
 Winter, Jeffrey Mark  
 Wiser, Bob Harold  
 Woehrmann, Sandy L.



## Special Honors and Certificates

### University Citizenship Awards

Presented annually to the senior graduates who best portray high traits of character, scholarship, and citizenship.

Susan K. Costley  
Timon Lee Marshall

### Honors Program Graduates

Kathleen McGowan  
Douglas Potts  
Rachael Walker

### Certificate in Area Studies

William Eugene Darrell  
Kirk Karl Peterson

### Valedictorians

A valedictorian has been selected by each college of the University. Addresses will be delivered at the College Graduation Ceremonies. Valedictorians are:

College of Agriculture  
Jenny L. Clark Henderson  
College of Business  
Garry Keetch Ottosen  
College of Education  
Shari Mortenson Nyman  
College of Engineering  
Fon R. Brown III  
College of Family Life  
Kimberly Carter Datwyler  
College of Humanities, Arts and Social Sciences  
Julie Marie Johnson  
College of Natural Resources  
Kelly J. Meyer  
College of Science  
Terri Talbot Misener

### Certificate in International Relations

Craig Albiston  
Denise Cooper  
Michael Orin Lallas  
Glenn A. Little  
Kathy Noreen Shafer  
Onun Ewah Usani

### Certificate in Public Administration

Richard M. Barbieri  
Byron John LeFevre  
Terry Reed Spencer  
Keith E. Sullivan

### Reserve Officers Training Corps

#### Military Science

Presented a Commission as Second Lieutenant, United States Army:

Mark D. Andrus  
Kevin R. Bishop  
Steven L. Black  
Randal K. Bolton  
Steven R. Curtis  
Marvin W. Jackson  
Charles K. Joy  
Michael L. Lallas  
Christopher S. Lauritzen  
Eric D. Mantz  
Brandon C. Muncy  
Alan S. Pitt  
Scott J. Smith  
John P. Stokes IV  
Elizabeth J. Summers  
Marcus A. Sylvester  
Max K. Tavoian  
David S. Visser

#### Aerospace Studies

Presented a Commission as Second Lieutenant, United States Air Force:

Michael A. AuClaire  
Kathryn Dunn Coon  
Eugene T. Cottle  
William E. Darrell  
Jess D. Gibson  
Kathie Potter Gravenhorst  
Timothy J. Hammang  
Ralph S. Haner  
Eldon J. Hansen  
John E. Heaton  
Robert S. Huntsman  
Glenn A. Little  
Ralph N. Mickelson  
Jadon H. Maass  
Kenneth D. Nevitt  
Greg A. Prestgard  
William D. Schaad  
Cardenas Shackelford  
David G. S. Sorge  
Keith E. Sullivan  
Bounsarith Thirakul  
Russell L. Waggoner

# Academic Heraldry

The history of academic heraldry reaches far back into the early days of the oldest universities. A statute of 1321 required that all "Doctors, Licentiates, and Bachelors" of the University of Coimbra wear gowns. In England, in the second half of the fourteenth century, the statutes of certain colleges forbade "excess in apparel" and prescribed the wearing of a long gown, which may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods were used to cover the head until later replaced by the skull cap and eventually by academic caps. Both Cambridge and Oxford have made academic dress a matter of university control to the inclusion of even its minor details; and in Laudian days in Oxford, any tailor who departed from the authorized design "even by a nail's breadth" was to be punished by the vice-chancellor of the University.

When American colleges and universities desired to adopt some suitable system of academic apparel, it seemed best to agree on some definite system which all might follow. Accordingly, there was held on May 16, 1895, at Columbia University, a conference of representatives of the governing boards of various interested institutions. From that meeting came a code of academic dress for the colleges and universities of the United States, which most institutions of higher learning have adopted and followed.

## Gowns

The academic gown for the bachelors degree has pointed sleeves and is designed to be worn closed. The gown for the masters degree has an oblong sleeve, open at the wrist, like the others. The sleeve base hangs down in the traditional manner. The rear part of its oblong shape is square cut, and the front part has an arc cut away. The gown is so designed that it may be worn open or closed. The gown for the doctors degree has bell-shaped sleeves and may also be worn open or closed.

## Colors

For all academic purposes, including trimmings of doctoral gowns, edging of hoods, and tassels of caps, the colors associated with the different academic disciplines are as follows:

Agriculture	Maize
Business	Drab

Education	Light Blue
Family Life	Maroon
Engineering	Orange
Humanities, Arts and Social Sciences	White
Natural Resources	Russet
Science	Gold-Yellow
School of Graduate Studies (EdD, PhD)	Gold

## Hoods

Academic hoods are worn by recipients of advanced degrees. The masters degree hoods are three and one-half feet in length and are lined with the official color or colors of the college or university conferring the degree, which at Utah State University are navy blue and white, displayed in a heraldic chevron. The doctoral hood consists of a larger and longer assemblage of institutional color draped over the recipient's shoulders and falling well down the back. The binding or edging of the hoods is of velvet or velveteen, three inches wide and five inches wide for the masters and doctors degree, respectively.

## Caps

Academic caps come in two forms, the traditional mortarboard (from Oxford), a square cap; and a soft cap which resembles an oversized beret (the Cambridge model). The mortarboard, used by Utah State University, is worn with a tassel. Black tassels designate any degree, colored tassels designate the major field of learning, and gold tassels indicate doctors and governing officials of institutions.

## Academic Procession

The commencement procession originates at the Taggart Student Center and the line of march extends down Eighth East Street to the Spectrum. The procession is composed of three divisions: (1) the speakers, Regents and Institutional Council members, administrative officers, and other members of the platform party; (2) the faculty; and (3) candidates for degrees, with candidates for advanced degrees in the lead and others in groups according to the degrees for which they are candidates. The procession will stop at the tunnel entrance to the Spectrum, the first two divisions dividing so that the candidates for graduation pass between them and enter the hall first.



## Honorary Degree



### JAMES A. ABRAHAMSON

is honored both as a man who has made remarkable personal accomplishments and as a special friend of Utah State University. Born in a small town in North Dakota, he grew up in Portland, Oregon, earned degrees from Massachusetts Institute of Technology and the University of Oklahoma. Until his recent appointment to lead the National Strategic Defense Initiative program in the Department of Defense, he was associate administrator of the National Aeronautics and Space Administration, managing the Space Shuttle program. □ He is a lieutenant general in the Air Force, a pilot who flew 49 combat missions in Southeast Asia, and a test pilot. He has been involved with the Air Force Manned Orbiting Laboratory Program, the National Aeronautics and Space Council, the Maverick Missile Program, and was inspector general for the Air Force Systems Command. He has been deputy chief of staff/systems at Headquarters Air Force Systems Command. □ In General Abrahamson's responsibilities of managing the Space Shuttle program for NASA, he has taken a personal interest in Utah State University's extensive participation in various projects to fly scientific, engineering, and student involvement experiments on the shuttle. □ Utah State University is proud to confer upon Lieutenant General James A. Abrahamson the honorary degree, DOCTOR OF ENGINEERING.

## Honorary Degree



**W**ILLIAM C. NORRIS

is honored as a pioneer in the development of computer technology and as a concerned and caring industrialist demonstrating that entrepreneurship can play a vital role in solving worldwide problems. □ An electrical engineer by education, he became acquainted with equipment that preceded today's computers during a five-year stint in the Navy during World War II. With this background he helped found a company that was instrumental in development of digital computer technology, and he has never been out of the mainstream of this technology since. Following the company's merger with Sperry Rand, his expertise was enlisted as head of the Univac Division, and he helped build it into a name that was synonymous with computers. □ Leading out once again, he founded Control Data Corporation in 1957. The company, of which he remains chief executive, is the world's top company in large scale scientific and engineering computers and services. His interests and initiative in applying computer technology to education, health care, agriculture, and technology exchange have resulted in cooperative programs addressing these needs worldwide. The PLATO computer-based education program in use around the globe is but one example. Others include programs to revitalize decaying inner cities and poverty-stricken rural areas. □ Additionally, he constantly assists small business development and has served on numerous public and private committees and task forces examining such critical questions as full employment, balanced national growth, information technology, and a host of other concerns. □ To show the way for colleagues, he has authored "New Frontiers for Business Leadership" in which he explains how U.S. businesses can address society's unmet needs as profitable opportunities. Utah State University is pleased to confer on a forward-looking leader of a rapidly changing society the honorary degree, DOCTOR OF SCIENCE.

## Honorary Degree



**R**EX G. PLOWMAN,

from the base of a small rural bank, has played a significant role in the banking industry of Utah and the nation. At the same time, he has served education well, has given special energy to the improvement of the agriculture industry, and has made a positive impact on the community. □ He is a native of Cache Valley and has maintained his residence here while pursuing interests widely. Educated at Stanford, Santa Clara, and Utah State, from where he received his bachelors degree in 1948 and was a member of Phi Kappa Phi and Alpha Kappa Psi honoraries, he has served the University as a friend and counselor. After two years as a member of the University's Institutional Council, he was appointed to the Utah State Board of Regents, where he served twelve years and became vice chairman. Thus his beneficial influence spread to the state's entire system of higher education. □ Following his graduation from Utah State he started work as a teller at Lewiston State Bank. He is now president and chairman of the board of that bank. His financial acumen, sound judgment, and hard work resulted in his being asked to serve as president of the Utah Bankers Association and Utah Independent Bankers and a member of the Legislative Committee of the Western Independent Bankers Association. In the American Bankers Association, he has served as chairman of the Agriculture and Livestock Division and member of the Agriculture Committee. □ **Utah** State University is proud to honor one of its alumni who has repaid the University's investment in him through his continued service, the honorary degree, DOCTOR OF HUMANITIES.

## D. Wynne Thorne Research Award

**W**ILFORD N. HANSEN is a renowned expert in the study of surfaces, thin films, and liquids through reflection spectroscopy and methods of electrochemistry. He has pioneered the field of reflection spectroscopy and immersed electrode technique making major contributions to experimental techniques and interpretive theory. His theories are recognized as the most complete in electro reflectance. He is considered by his national and international colleagues alike as one of the leading scientists in this field. Dr. Hansen studies the nature of surfaces at the atomic level. He has opened our understanding of how atoms are layered in this boundary region and how they interact with the atoms or molecules of the neighboring medium. He is remembered by many students as a great teacher with high standards. Because he trained them well, they are now among his strongest competition. The practical application of his studies extends from better mirrors for lasers to more efficient solar cells. Scientists the world over esteem his work and seek his advice.



## Robins Professor of the Year Award

**J**OE ELICH, professor of mathematics, contributes national recognition to USU through his innovative teaching in applied mathematics and in the use of the calculation and computer for instruction in algebra and trigonometry. Following the completion of a distinguished undergraduate program at USU, Professor Elich earned his MA at the University of California at Berkeley and continued advanced study there and at UCLA and the University of Oregon. A long generation of students at USU have honored his effective teaching. His contributions transcend this campus, however, because of his teacher training programs sponsored by the National Science Foundation, workshops and special presentations before regional and national Councils of Teachers of Mathematics. Three textbooks created by him and his wife, Carletta, serve students throughout the nation.





# Teaching Excellence Awards

Through an extensive selection process involving both students and faculty in the various academic colleges, eight members of the faculty have been designated for special recognition for excellence in teaching representing the eight colleges of the University: Agriculture; Business; Education; Engineering; Family Life; Humanities, Arts and Social Sciences; Natural Resources; and Science.



COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

**R**OBERT A. HOOVER, a specialist in national security and global arms control and an associate professor of political science, has taught at USU since 1971. His student evaluations in more than 60 separate courses clearly establish him as one of the University's superior teachers. A native of Iowa, he was raised in the Southwest and received his BA and MA degrees from Arizona State University and his PhD from the University of California, Santa Barbara. In addition to his superb teaching, Dr. Hoover is the author of three books and book reviews and papers presented at professional conferences. His expertise in American National Defense policy has led to numerous invitations to participate in prestigious regional and national seminars at the highest academic, military, and diplomatic levels. In addition to teaching and scholarship, he has served as head of the Department of Political Science since 1979. In May 1984 he was promoted to the rank of professor and appointed dean of the College of Humanities, Arts and Social Sciences.

COLLEGE OF FAMILY LIFE

**L**ESLIE DAVIS, an assistant professor in the Department of Home Economics and Consumer Education, is respected by both students and faculty for her commitment to excellence in education. She received her BA degree in clothing and textiles from Washington State University in 1978 and her PhD in consumer science and retailing from Purdue University in 1981. She joined the Home Economics and Consumer Education faculty in 1982 and has been instrumental in the restructuring of the clothing and textiles major. Known for her lively and informative lectures in both graduate and undergraduate classes, she teaches courses in fashion merchandising, including textiles and fashion coordination. As an adviser she is warm and caring. She is an accomplished and proficient researcher, having received two funded grants from USU to research labeling aspects of the clothing industry and has had several articles published in refereed journals and newsletters. Dr. Davis is a member of the American Home Economics Association and the Association of College Professors of Textiles and Clothing.



COLLEGE OF AGRICULTURE

**H**AVEN B. HENDRICKS earned his BS and MS degrees from the University of Idaho and a PhD degree at Purdue University in Animal Science. As a professor in the Department of Animal, Dairy and Veterinary Sciences, he has spent most of his time teaching and advising students both inside and outside the classroom. It is not unusual to see a cluster of students near his office waiting to see him. His laboratories and field trips are always exciting learning experiences which contribute to his judging teams' attaining high rankings in competition with other institutions. He brings an enthusiastic and innovative approach to teaching, augmenting the texts with updated supplements. He has been deeply involved in special projects which help students finance their judging and field trips. With all of this, he still conducts research and provides special help for swine producers.

#### COLLEGE OF EDUCATION

**K**ENNETH C. FARRER has devoted more than eighteen years in service to programs in the Department of Secondary Education at USU. Dr. Farrer received his BS degree from the University of Utah, his MA from the University of California, Berkeley, and returned to the University of Utah to receive his PhD. He is an authority in curriculum development and supervision of education personnel. A competent administrator in two departments within the College of Education, Dr. Farrer was a prime mover in the doctoral program. He brought to USU years of experience in the public schools in Utah and California as a teacher, principal, and district administrator. He is a teacher's teacher. He consistently received high student evaluations and the recognition of his colleagues. Charisma, as well as informed, organized, and compassionate instruction, set him apart as someone who really cares about students.



#### COLLEGE OF ENGINEERING

associate professor of electrical engineering, combines charisma, an ability to communicate, and a broad depth of technical knowledge to achieve excellence in his teaching. His work reflects not only his exceptional teaching ability but also his genuine concern for the intellectual and personal progress of each student. In addition to teaching, he has been actively involved in ionospheric and high technology research at Utah State. Dr. Stiles received a BA degree in philosophy from the University of Washington and MS and PhD degrees in electrical engineering from Stanford University. He has also been involved in volunteer work and in many civic and community programs. He is currently serving as chairman of the Providence City Planning and Zoning Commission.



#### GARDINER S. STILES,

#### COLLEGE OF NATURAL RESOURCES

**M**ARTYN M. CALDWELL is an excellent example of the adage that effective teaching and research go hand in hand. Professor Caldwell's research accomplishments have brought him acclaim ranging from the Willard Gardner Award from the Utah Academy of Sciences, Arts and Letters to the Alexander von Humboldt Prize from the Federal Republic of Germany. He also carries a sizeable teaching schedule, bringing his expertise into the classroom with a polished lecturing style and close collaboration with a large complement of graduate students. He joined the USU faculty in 1967 following undergraduate education at Colorado State University and graduate work at Duke University; he has spent sabbatical leaves as visiting scientist in Austria, Australia, and West Germany. With his firm commitment to teaching, research, professional service on numerous state and national committees, and personal interactions with students and faculty, Dr. Caldwell is the epitome of the complete professor.



#### COLLEGE OF BUSINESS

an instructor in accountancy, is known throughout the University, community, state, and profession as a qualified professional and academician. He perceives his role to be an intermediary between academic obfuscation and the reality of living. He adds life to a difficult and technical subject with well-organized, colorful lectures. He demonstrates excellence in his teaching and strives to help students realize their potential. The care and concern he demonstrates towards students motivates them to strive for excellence in their academic and personal lives. He received his BA and MS degrees from Arizona State University and is currently working on his PhD in Business Administration from Arizona State University. He adds the perspective of a practitioner to the classroom as he is a CPA in Utah and Nevada and has served as vice president, controller, and treasurer for a Nevada savings and loan association.



#### RALPH L. PECK,

# Candidates for Graduation

## Agriculture

Doyle J. Matthews

Dean

Abang, Asu Ndifon  
Admau, Abdul Kaugama  
Afyunimobarekh, Majid  
Allwein, Leslie Ann  
Anderson, Kenton David  
Angyu, Nehemiah Haruna  
Atkinson, Steven W.  
Auwal, Tijjani  
Azike, Barnabas Ndubuisi  
Bacchus, Wazir Ivor  
Bastian, Eric D.  
Bills, Tamra  
Bodily, Michael Alan  
Boitumelo, Wame S.  
Broussard, Michael John  
Brzinski, Anthony D.  
Bunker, Clint Oren  
Bybee, Mary Kehoe  
Cazier, Merrill Dean  
Christensen, Kenneth Paul  
Clelland, Scott E.  
Dikwa-Nkrumah, Paul Kwame  
Downs, Bret Dewane  
Egbert, William Russell  
Frampton, Wyatt J.  
Hagloch, Gene E.  
Harrington, Darwin K.  
Harris, Merrill M.  
Harrison, Ronald Deane  
Hawkes, James A.  
Heaton, Scott W.  
Helms, Gary Lamar  
Helms, Terry Wayne  
Henderson, Jenny L. Clark  
Holbrook, Todd C.  
Holm, Richard Thomas  
Hooper, Jill Raleigh  
Hoppie, Debra M.  
Horsley, Kibbie  
Isom, Wade Petterson  
Israelsen, Victor Martin  
Jaafar, Abdul Hamid Bin  
Jensen, Joseph Boyd  
Jenson, Randall Thayne  
Johnson, Dale Maurice  
Jones, Carl Lynn  
Jordan, David Ray  
Jordan, Rhonda Renee  
Kogianes, Sam G., Jr.  
Kontas, Kim  
Lamb, Bret D.  
Larson, Michael J.  
Layne, Bret Howard  
Leatherwood, James Scott  
Lemrick, Steven Wayne  
Libby, Jeanine Lee  
Lowery, Christine Ruth  
Lytle, Denny D.  
Major, Dale L.  
Maribe, Pheto Percy  
Maughan, Kory Weston  
May, Nancy V.  
Mbikiwa, Bashanduli Nelson

McEntire, Richard  
McLean, Hamish Alexander  
Messina, Lester James  
Mills, Edward Kenneth  
Mokone, Solomon Tshekiso  
Murray, Rondell Fitzgerald  
Ndaman, Mohammadu Kudu  
Nelson, Scott L.  
Nggilari, Sam James  
Nguma, Africanus James  
Noland, Brian Vern  
Noriega, Manuel Antonio  
Olson, Terry Richard  
Parsinezhad, Masoud  
Peterson, Bradley Max  
Phillips, Joseph Orson  
Polson, Richard Mark  
Prado, Gonzalo  
Rassifaghihi, Javad  
Redd, Charles H., Jr.  
Rudesheim, Barbara Jean  
Russell, Maurine Annette Allen  
Santos, Helder  
Sadiq, Mohammed Aqib  
Sadjadi, Shahab  
Savage, Ralph Leon  
Scoresby, Bryan John  
Shanbedizadeh, Mehdi  
Sharifi, Mojgan  
Simpson, Scott T.  
Small, Penny Lynn  
Smith, Cheerine Gay  
Sorensen, Wayne Hal  
Spratling, David Lynn  
Stoddard, Gary William  
Stubbs, Jeanette  
Talmon, Dwai Gladstone  
Tung, Rita Yuen-Yee  
Walters, Kurt Bowen  
Whittlesey, Sarah K.  
Zobell, Wade Alex

## Business

Richard L. Smith

Dean

Abdullah, Abdul Hakim  
Ahern, Kevin John  
Allen, David Lamont  
Allen, Dewey Webster III  
Allen, Paul Laron  
Allred, J. Brian  
Armknacht, Carl Ernst  
Ashton, Les Homer  
Au Yeung, Shun Ho  
Bachman, Dean Roger  
Bahmani, Behrouz Bruce  
Bailey, Barbara Jo  
Bailey, Pamela  
Bailey, Richard  
Bainbridge, Sheryl Jeanette  
Baker, Robert M.  
Bambrough, Bryan Dean

Bangerter, Gregory Dean  
Barber, Jeffrey Scott  
Barker, Deanne Christensen  
Barker, Shaun David  
Barlow, Raedene  
Bartlett, Kenneth M.  
Baugh, Janet Barker  
Bean, LaRue  
Beck, Layne Mark  
Beebe, Matthew Laurence  
Belnap, Val Dean  
Bennett, Lorraine  
Bergh, Don D.  
Berry, Kenneth J.  
Bevan, Brent Kelsey  
Biesinger, Glen Firman  
Bjorkman, Ronald  
Blodgett, Jeffrey Donald  
Bloxham, Paula  
Bodily, Brent Laws  
Boman, Boyd William  
Bowen, Bruce Albert  
Bradshaw, Barry Layne  
Braun, Barr Benjamin  
Breinholt, Teresa Ann  
Brown, Jeffrey Mack  
Brown, Lance Ray  
Bunker, Carolyn Houtz  
Burgess, Mary Grace  
Burnett, Leah P.  
Burton, F. Greg  
Calero, Ximena Fabiola  
Call, Budge Wilson  
Carter, Bradley Arch  
Carter, Calene Celeste  
Carter, Monica Ann  
Cavanah, Sue A.  
Chambers, David Hyer  
Chapman, Danette  
Cheal, Brian W.  
Child, Douglas Wayne  
Christensen, Kent Wood  
Cirac, Terry Eugene  
Clark, Brent Lyman  
Clark, David E.  
Coleman, Deen Allen  
Collins, Richard Ellison, Jr.  
Collinsworth, Jeff Chris  
Cook, David Brent  
Cowley, Greg R.  
Craghead, Todd E.  
Crawford, Melvin A.  
Crittenden, Callie  
Crofts, James Hoyt  
Crum, Joseph Oliver  
Curdy, Mark Ronald  
Curtis, Guy David  
Dahle, Roger G.  
Daniels, Wendy J.  
David, William Franklin  
Davis, Bruce Theron  
Davis, Kelly Ivan  
Day, Jimmy  
Derieg, Donald  
Deuble, Monica  
Devore, Jerry Roy  
Diamond, Douglas Lee  
Divett, Robert William  
Donars, Scott Richard  
Downing, Patricia A.

Drury, John L.  
Dunn, Perry Alex  
Eddy, Jerry L.  
Elder, Steven Ted  
Elharezi, Mohamed Nasr  
Ellis, Bret Randall  
Evans, Lawrance  
Ferguson, Leslie  
Flanagan, Ralph Edward  
Foltz, Richard John  
Forman, Gar Allen  
Forsgren, Kevin Don  
Fox, Denny R.  
Frandsen, Melinda  
Friedrich, Jennifer Lynn  
Fujikawa, Lisa A.  
Funk, Craig Chambers  
Gaddam, Vinod  
Garlick, Steven Boyd  
Geare, Gary M.  
Gilbert, Lawrence Leon  
Gimby, Sherry Lynne  
Godderidge, Scott Charles  
Goings, Greg Scott  
Golizek, Kathy  
Goring, Maxine  
Greenwell, Joni Lei  
Griffiths, Marlene Day  
Groesbeck, Diane  
Groom, Bryan A.  
Gudmundson, Brian Grant  
Gudmundson, Gerald Leland, Jr.  
Guy, Steven Mark  
Hadley, Brett L.  
Hafen, Leslie Kent  
Hanks, Bruce Boyd  
Hansen, Alan Paul  
Hansen, Dean L.  
Harry, Ronald Dallon  
Hedelius, Eric Robert  
Hedelius, Merilyn Dalley  
Hedin, Darren Earl  
Hershey, Tad Lincoln  
Hess, David Jay  
Hodges, Jeffery Dee  
Hoey, Gary  
Holmes, Steve A.  
Holt, Richard Clyde  
Holt, William Ned  
Horan, Kelly L.  
Hortin, Scott Kent  
Howell, Keran  
Huber, Gary Doyle  
Hudson, Fred Alan  
Hughes, Dayna Poulsen  
Hull, Robert Edward  
Hull, Robert Elias  
Hunt, Don Lamont  
Huntsman, Robert S.  
Hurst, James L.  
Hyde, James Charles  
Ipson, Malcolm Dan  
Izaki, Tatsushi  
Jahsman, Elizabeth  
James, Mark Ferris  
Janes, Susan  
Jarrett, Larry E.  
Jenkins, Mark Williams  
Jenkins, Troy Lee  
Jensen, David Alan



Jensen, David Lowell  
 Jensen, Mark Alan  
 Jensen, Marlin G.  
 Jensen, Tamera Mullins  
 Jensen, Val Neil  
 Jenson, Beverly Ann Ossmen  
 Jenson, David Gary  
 Jezak, Kim K.  
 Johnson, Michael David  
 Johnston, Julie K.  
 Jones, Michael Johnathan  
 Jones, Ricky D.  
 Kartchner, Mark Jesse  
 Kemp, Christian James  
 Kerbs, Rick S.  
 Kerr, David S.  
 Kilgore, Jacquelyn A.  
 Kilian, James B.  
 Killian, Janice Nielsen  
 Kirkpatrick, Scott S.  
 Klemm, Ann Moss  
 Knighten, Linda Patrice  
 Kwan, Kathy Chen-Pei  
 Lanie, Michael Scott  
 Lanzafame, Tracy  
 Larsen, Chris Thomas  
 Larsen, Douglas Price  
 Larsen, Robert Ray  
 Larson, George Brent  
 Law, David L.  
 LeFevre, Byron John  
 Lewis, Margaret Peggy L.  
 Lim, Jit Lee  
 Lim, Kok-Soon  
 Link, Richard S.  
 Littleton, Leslie Alice  
 Logan, Alvin DeQuanta  
 Ludolph, Sandy Rae  
 Malstrom, James Iverson  
 Martin, John Elwyn  
 Mathews, Gail Elaine  
 Matouq, Abdelraouf Ishaq  
 Maughan, Allan Hendry  
 McArthur, Scott Lee  
 McDermott, Mechelle Renee  
 McDermott, Reed M.  
 McElwain, Peter Andrew  
 McGregor, Jon C.  
 Meacham, Bryan D.  
 Mender, Michael John  
 Merrrell, Elizabeth Burgoyne  
 Meyer, Michael Lloyd  
 Miller, David Rodney  
 Miller, Jerry W.  
 Miller, Linda Cae  
 Millett, David Leon  
 Monteith, Daniel Wayne  
 Moore, Brenda Maxine  
 Morgan, Tamra Durtschi  
 Mortimer, Jeffrey Paul  
 Moss, Jed Wayne  
 Muir, Sidney W.  
 Murdoch, Richard Kent  
 Neeley, Stephen Funk  
 Nettesheim, Mark  
 Newbold, Kristin  
 Newton, Patrick J.  
 Niederhauser, Alan Dee  
 Niederhauser, Wayne Larry  
 Nielsen, Annette  
 Nielsen, Steven Paul  
 Nielson, Glade Robert  
 Nighswonger, Charles D.  
 Nuttall, Thomas Hillyard  
 O'Connor, Kerri Glyn Norman

Orisanaiye, Michael Olorunjuwo  
 Ostermiller, Bryan Dee  
 Ottosen, Garry Keetch  
 Pack, David C.  
 Packham, Sheri Gail  
 Padilla, Cheryl W.  
 Parkinson, Jan  
 Peay, Dan R.  
 Pehrson, Scott William  
 Perry, David Mark  
 Petersen, Karen Marie Walker  
 Peterson, Stephen Lercy  
 Pham, Van-Se  
 Pickren, Richard Fred  
 Pierson, Lori  
 Piggott, Gerald Keeter  
 Porter, Kolin Max  
 Poulsen, Todd W.  
 Poulson, Karen  
 Powell, Bradley Steven  
 Prescott, Steven B.  
 Pulley, Dan W.  
 Rachele, Cheryl Mae  
 Rasmussen, Mark Kyle  
 Reeder, Brent Legrand  
 Reese, Craig M.  
 Reilly, Dwight F.  
 Riemony, Karen Ann  
 Roberts, Bret Steven  
 Romney, Luanne  
 Rosa, Janet L.  
 Rounds, Blayne G.  
 Rounds, Victor A.  
 Rowe, James D.  
 Russell, James Gene  
 Rydalch, Sally  
 Sackley, Peter Edward  
 Sandgren, David G.  
 Scheufler, Patrick Andrew  
 Schmidt, Kellie L.  
 Scott, Lawrence K.  
 Scott, Tammy Foster  
 Simard, Victor Louis III  
 Simmons, Joi A.  
 Singley, Brent Richard  
 Smith, Gary Done  
 Smith, Rebecca Lynne Schott  
 Smith, Tim Gray  
 Sopkiewicz, Thomas S.  
 Sorensen, Debra Bladen  
 Sorensen, Lynda J.  
 Sorenson, Robert Clarence  
 Spinner, John J.  
 Spuhler, Richard D.  
 Stettler, Cleon Richard  
 Stevens, Shauna  
 Stewart, Christopher D.  
 Stewart, Mark Merrill  
 Stronks, Timothy  
 Swenson, Anthony J.  
 Tanaka, Archie R.  
 Tanner, Lynda S.  
 Tasseff, Chris Ernest  
 Terry, Ronald P.  
 Tervort, Teriko  
 Thiltges, Luc Pierre  
 Thomas, Chris Ward  
 Thomas, Elizabeth Louise Rice  
 Thorpe, Kirk Y.  
 Tincher, Janelle  
 Tippetts, John L.  
 Torgesen, Bradley Carl  
 Torkelson, Mark Clarence  
 Toy, Dennis Alan  
 Tregaskis, Brent Gray

Tur, Gustavo Enrique  
 Turnbow, Richard Lloyd  
 Turner, Tracy A.  
 Twigg, Ted W.  
 Ure, F. Stanford  
 Valenza, Michael  
 VanRoosendaal, Lynn Walter  
 Vowles, Daniel Dee  
 Wamsley, Hal M.  
 Warnick, Clark Andrew  
 Watkins, Kirk Grant  
 Watterson, David James  
 Webb, Kristine  
 West, Howard John  
 Whetstone, Robert D.  
 Whitehouse, Russell M.  
 Williamson, Kenneth J.  
 Wilson, Brent Scott  
 Wilson, Dana  
 Wilson, Kent Lane  
 Wipf, Laura T. Chapple  
 Wiser, Bob Harold  
 Wolfley, Richard Earl  
 Woodward, Judy  
 Woolley, Roland Scott  
 Worley, Jill Layne  
 Worrell, DeeAnn  
 Young, Kevin Glen  
 Zebe, William Peter

Whittaker, Mary J.  
 Wright, Barbara Dawn

## Education

Oral L. Ballam  
 Dean

Allen, Cathy  
 Allen, Elaine  
 Allred, Douglas Malcom  
 Andersen, Susan Hilton  
 Anderson, Calli Jo  
 Anderson, Carrie Ernestine  
 Anderson, Cindy  
 Anderson, Jay O.  
 Anderson, Paulette  
 Anderson, Sherrie  
 Anderson, Virginia  
 Andrus, Maureen J.  
 Armijo, Denise  
 Arvizu, Yolanda Marie  
 Ashcraft, Tawna Jean  
 Ashcroft, Becky  
 Atsitty, Carmalita Linda Nakai  
 Atsitty, George Albert  
 AuClaire, Michael Alan  
 Aycock, Kristy T. Carver  
 Baker, Tina Shepardson  
 Balls, Mack B.  
 Barfuss, Carol Vandersteen  
 Barrus, Julie Lynn  
 Barton, Clark M.  
 Bauer, Donna J.  
 Beacco, Judy Angela  
 Beardall, Teresa K.  
 Beaulieu, Tanya Young  
 Beck, Milton M.  
 Benson, Jolene  
 Berrett, Scott Harold  
 Birch, Jeff Oliver  
 Black, Edward Lee  
 Black, Judith E.  
 Bolliger, Shauna  
 Bollinger, Tom  
 Boswell, Ronald Jess  
 Broughton, Kathryn Ann  
 Buchanan, Virginia McAllister  
 Buck, Rosalie  
 Bullen, Lynette Nye  
 Bunting, Suzanne  
 Burnham, Brent Dean  
 Butler, Lori Carol Christensen  
 Buxton, Randy  
 Calder, Shanna Lyn  
 Capener, Cindy L.  
 Carlsen, Paul Kent  
 Carpenter, Laurie Jane  
 Carter, Suzanne  
 Chidester, Debra Willardsen  
 Chinn, Toni  
 Christensen, Barbara L.  
 Christensen, Claudia Glynn  
 Christensen, Teresa  
 Chugg, Polly A. Baugh  
 Clark, Patricia  
 Colton, Michael Charles  
 Compton, Christie Jan  
 Conner, Delose Stephen  
 Craner, Rebecca Helen Zollinger  
 Croft, Adella Serrin

## Two-year Diplomas

Secretarial/Administrative Support

Anderson, Susan  
 Bagley, Carolyn  
 Broadhead, Barbara C.  
 Burke, Marianne  
 Cantwell, Karen Gee  
 Christensen, Susan  
 Clark, Caralee  
 Cornia, Vicki J.  
 Cottle, Sandra R.  
 Crofts, James Hoyt  
 Davies, Carrie L. Hansen  
 Daw, Janet  
 Earl, Gloria Thurston  
 Holyoak, Kammy R.  
 Ivie, Anna Marie  
 Jardine, Stacy Lynn Hicken  
 Kashima, Mayumi  
 Lamborn, Karma  
 Martineau, Diane  
 McArthur, Sandie  
 McMillan, Cem  
 Olson, Jonna  
 Porter, Carolyn  
 Prsbrey, Tamara Neal  
 Redd, Natasha D.  
 Reeder, Leslie Newton  
 Riding, Denise C.  
 Ritchie, Cindy L.  
 Sandberg, Allyson Kent  
 Saunders, Lynette  
 Slaugh, Janet B.  
 Sorge, Sherrie Lin R.  
 Stenberg, Tamra  
 Stock, Karen  
 Stokes, Kay Lynn  
 Thompson, Dorilee  
 Tuft, Diane Bernice  
 Watson, Eve  
 Watts, Sherrie Ann

Crook, Meleta Anne  
 Crump, Cindy  
 Curtis, Vicki Lurlene  
 Cutler, Denise Olson  
 Daniels, Eva L. Price  
 Dargan, Margaret P.  
 Dart, Kathleen Chasel  
 Davis, Susan Jo  
 Dean, Lisa Kaye  
 Decker, Cynthia  
 Degen, Cheryl Lyne  
 Dent, Brenda Egbert  
 Dibble, Ellen  
 Dingman, Lorraine Ewell  
 Donnelly, John  
 Doolittle, Marie McKew  
 Doster, Glenn Craig  
 Douglas, Gaylen C.  
 Dumpert, Pamela Ann  
 Eckman, Robert Dean  
 Edwards, Victoria L. Baumbach  
 Elgan, Michelle Beecher  
 Elgan, Susan  
 Emmett, John D.  
 Epperson, Diana R. Wilcox  
 Evans, Signe A.  
 Evertsen, Sharon J.  
 Falslev, David Parker  
 Farnsworth, Carrie L. James  
 Fenn, Carol  
 Ferguson, Jill B.  
 Finlinson, Burnis Kent  
 Finlinson, Doris Blackham  
 Finnerty, Teri Anne Endo  
 Flammer, Becky  
 Floming, Loren Lee  
 Floyd, Cheryl Ann  
 Forbes, Melanie Toole  
 Frome, Annie  
 Frost, Janell Jarvis  
 Garrett, Cindy Jo  
 Garritson, Linda Marie  
 Gashgari, Amal D.  
 George, Kevin Francis  
 Gephart, Susan  
 Giles, Cristy A.  
 Gilmore, Patrick  
 Gindler, Nelia J.  
 Goodrich, Sheryl  
 Grammer, Cheryl S.  
 Green, Rochelle  
 Greenwood, James Robert  
 Greer, Robert Douglas  
 Griffin, SueLyn Burton  
 Gutshall, Nanette Marie  
 Halling, David Austin  
 Hansen, Craig Keith  
 Hansen, Sharalyn Jensen  
 Hardeman, Jennifer Jo Thomp  
 Hardman, Carolyn Ruggles  
 Hardy, Susan  
 Harris, Carl John  
 Harris, Kimberly  
 Hartman, Jennifer Lynn Sime  
 Hatch, Collette Haines  
 Haupt, Linda Lea  
 Hemming, Tracy Lee  
 Hendricks, Lecia  
 Hendricks, Susan Zwick  
 Higham, Jana Lee  
 Hilden, Melinda M.  
 Hirschi, Cindy L.  
 Hoffmann, Marilyn Hendricks  
 Holmes, Heidi Ann Briscoe  
 Holmgren, Katherine

Howell, Dixie I.  
 Hunsaker, I. Elaine  
 Hunting, Robert Thomas  
 Hurren, Joyce  
 Hurst, Nikki Kay Christensen  
 Hyde, Tamara Dawn Pedersen  
 Ipson, Danette Bench  
 Ishii, Shelly Kim  
 James, Marilyn K.  
 Janes, Susan  
 Jardine, Becky  
 Jarrett, Lisa Ann Reeder  
 Jensen, Eileen  
 Jensen, Suzanne  
 Johns, Lisa  
 Johnson, LeAnn Allen  
 Johnson, Robert H.  
 Jones, Anthony Mark  
 Jones, Karen Nean  
 Jones, Rhonda C.  
 Jones, Susan Diane  
 Julander, Bonnie J.  
 Juvelin, Shan Delene  
 Kartchner, JoAnn Little  
 Keeley, James Daniel  
 Kidman, Debora  
 Kingsford, Marilee Antczak  
 Knapp, Donald F.  
 Knowlton, Stephen Andrew  
 Krumpert, Elizabeth Ann  
 Larsen, Audri  
 Larsen, Lorna Sue Nielsen  
 Larsen, Mary Ellen  
 Larson, Paulee Ann Davids  
 Lauer, Sharon Marie  
 Law, Leslie Michele Williams  
 Leaman, Jayne O Bray  
 Lean, Linda Elizabeth  
 Limbaugh, Wendy Jo  
 Lind, Sandra C.  
 Lloyd, Linda F.  
 Lo, Kowk Sing  
 Loken, Valerie A.  
 Lund, E. Jolene  
 Lundberg, Mary Emmett  
 Lutz, Scott Nolan  
 Lyman, Terry Anne Farnsworth  
 Maass, Jadon H.  
 Mahieu, Jeff Alan  
 Maier, Colleen Sue  
 Manning, Christine  
 Manwaring, Trudy Withers  
 Marshall, James P.  
 Martin, Teri Potter  
 Martinez, Linda Marie  
 McComb, Brenda Lee  
 McDonald, Kathleen M.  
 McElprang, Teri L.  
 McKinney, Brent G.  
 McMullin, Nancy Jane  
 McMurray, Scott Ray  
 Medina, Danny A.  
 Mentz, Stephanie A.  
 Merchant, Leon Joseph  
 Meyer, Lorna Jenkins  
 Michaelis, Patricia  
 Miles, Linda Burdett  
 Miles, Nancy R.  
 Miller, Charlotte Jo  
 Miller, Debra Lee  
 Miller, Lori Sue  
 Miller, Sherrie Kaye Holdaway  
 Mills, Gayle  
 Milne, Eric Steven  
 Mitchell, Travis Don

Morrell, Marilyn  
 Morris, Becky Lynn  
 Moul, Kevin D.  
 Moulton, Laura Lyn  
 Mousavi, Afsaneh  
 Mower, Gloria Taylor  
 Muir, Patti Sue Hurst  
 Muse, Jeri L.  
 Nash, Julie Elizabeth Henderson  
 Neilson, Trudy Kay  
 Nelson, Lauri Jan Harwood  
 Nelson, Mary Ann  
 Newbold, Kelly Leo  
 Nicholls, Renee Arlene Scherting  
 Nielsen, Janice  
 Nodine, Rosemarie  
 Nyman, Shari Mortenson  
 O'Brien, Arville Atkinson  
 Oocumma, Jeremiah J. O.  
 Pancheri, Donna Rae  
 Parslow, Annette Richens  
 Patterson, Letitia Ruth  
 Peatross, Darrell K.  
 Petersen, Carol  
 Peterson, Dawn M.  
 Peterson, Paul L.  
 Peterson, Trudy Clark  
 Pierce, Chyrl Ann  
 Pignanelli, Judith T.  
 Pitcher, Jill S.  
 Price, James Alan  
 Prisbrey, Darlene  
 Puhlmann, Nancy Ann  
 Purser, Calvin Jessop  
 Quinn-Slorah, Margaret  
 Ramm, Mary Louise  
 Rayfield, Tracy S. Martin  
 Redd, Candace Anne  
 Reid, Robena Jean Falslev  
 Richards, Ladonna S.  
 Riches, Karen  
 Richman, Mark Larsen  
 Robbins, Brenda R.  
 Robinson, Michael Dean  
 Rock, Elizabeth Keddy  
 Roop, Shirley M.  
 Rudy, Christine Ann  
 Sampson, Debra Wolf  
 Sandberg, Larry D.  
 Sanderson, Marilynn S.  
 Savenko, Cheryl Lynn  
 Saxton, Kathy DeAnn  
 Scalise, Kimberly  
 Schaumleffle, Kevin Carl  
 Schweppe, Susan Howell  
 Scott, Valene Joyce Haralson  
 Seeholzer, Patti West  
 Sentelik, Maria  
 Serre, Linda P.  
 Sessions, Linda K.  
 Shackelford, Cardenas  
 Sharp, Kathy Lee McPherson  
 Shaw, Suzanne H.  
 Shea, Noreen Marie  
 Sherlock, Karen Fox  
 Shiner, Kim D.  
 Siddoway, Jodi Lynne Wightman  
 Sidwell, Lyle G.  
 Silver, Sherilyn  
 Simmons, Shellie  
 Simonson, Kristi Kym  
 Skidmore, Jon Bullock  
 Smith, Aaron Clayton  
 Smith, Bonnie Baird  
 Smith, Diane Afton

Smith, Jean Ann  
 Smith, Karen L.  
 Smith, Machele  
 Smith, Paul M.  
 Smith, Peggy B.  
 Smith, Peggy Marie  
 Smith, Tracy White  
 Spackman, Elizabeth Rachel Regan  
 Stears, Gary Allen  
 Steinitz, Danette Milovich  
 Stoddard, Thomas R.  
 Stott, Ann  
 Sylvester, Nanette Joy McMillan  
 Sypniewski, Joy Marie  
 Tenhoeve, Mark  
 Thalman, Cindy  
 Thatcher, Gayle  
 Thompson, Terrence David  
 Thorpe, Coleen Skeen  
 Tjarks, Susan Beckstead  
 Traylor, Sheria Dale Hadley  
 Trimble, Patricia  
 Tsosie, Regina Marie  
 Tucker, Tamara  
 Wabel, LeeAnn  
 Walker, Lena Gail  
 Wallentine, Sandra Lyn Godfrey  
 Wallin, Mark Brian  
 Wallin, Marsha Duke  
 Walsh, David John  
 Walters, Jan S.  
 Wayne, Dawn Marie  
 Whaley, Vernon LeRoy  
 Wheeler, Betty Jo Sudekum  
 White, Barbara Anne  
 White, William Wayne  
 Whitecar, Brenda Carroll  
 Wilcox, Blake W.  
 Willis, E. McKay  
 Wilson, Sheri A.  
 Winn, Pamela Forrest  
 Woehrmann, Sandy L.  
 Wood, Dixie Lee  
 Worthington, Lynda Dee Dunn  
 Wurst, Nancy Robin

## Engineering

### A. Bruce Bishop

#### Dean

Abed Al Rahman, Imad A.  
 Abedifard, Ebrahim  
 Ackerman, Paul Allen  
 Ajir, Dariush T.  
 Alasti, Mohammad  
 Ammuss, Abdelhamid Sharif  
 Anderson, Michael L.  
 Anderson, Todd Randall  
 Ashkowdra, Ahmad Jamal  
 Mahmoud  
 Azizi, Taghi  
 Baker, Gordon Maurice  
 Barakah, Arif Jeyad  
 Barnard, Stephen B.  
 Barry, G. Kent  
 Bartosz, Daniel Marshall  
 Barzin, Amir Hosein  
 Batiari, Ali Akbar  
 Baughman, David W.  
 Benson, Del Ariel

Black, Ivan Neal  
 Bolton, Randal K.  
 Borgholthaus, Jeffrey D.  
 Braish, Bassem Farid  
 Bray, Roger Irwin  
 Brog, Daniel R.  
 Brown, Fon R. III  
 Brown, Roberto Antonio  
 Burn, Jerry  
 Burns, Susan Kay  
 Cain, Kevin Michael  
 Calderon, Guillermo  
 Camp, Leonidas B.  
 Cardon, Joel G.  
 Carter, Curtis Guy  
 Carter, Neil F.  
 Cheung, Shun Sang Stephen  
 Chiao, Chig  
 Chidester, Charles Lynn  
 Clark, Joseph Lynn  
 Clark, Paul Tracy  
 Cohen, Philip Ronald  
 Cole, Lynette E.  
 Cook, Scott Walter  
 Cottle, Eugene Thomas  
 Crist, Rick Anthony  
 D'Alfonso, Rafael  
 Daun, Robert Tod  
 Davies, Douglas Keith  
 Day, Leon Rex  
 Dedes, Basil  
 Dimas, Nick P.  
 Dorius, David Karl  
 Dougani, Hassan  
 Dye, Kendall  
 Eiting, Michael Norman  
 Elleard, Carl Eugene  
 Faramarzi, Yahya  
 Ferdos, Ali Naggash  
 Francis, James H.  
 Fraughton, Karl M.  
 Froelich, Mark Allen  
 Frucci, Louis John  
 Gauhar, Aamer Ali  
 Gibbons, Kenneth Alvin  
 Gibson, Jess David  
 Gichuki, Francis Ndegwa  
 Gren, David V.  
 Gunnell, Lyle Parker  
 Gurr, Kevin Dean  
 Hajarian-Esfahani, Saeed  
 Hamdan, Refat A.  
 Handy, G. Gene  
 Haner, Ralph Scott  
 Harb, Hassan Ahmed  
 Harker, Marvin J.  
 Harris, Douglas G.  
 Harvey, Bradley H.  
 Hasler, James Wade  
 Hook, Jono B.  
 Hooper, Robert S.  
 Hoskin, Rick Orval  
 Hosseini, Hossein  
 Houser, Michael James  
 Humpherys, John Smith  
 Humphries, Michael Don  
 Hunt, Brent D.  
 Huppi, Hal David  
 Hurd, Jess Blair  
 Hurst, Gary Lasson  
 Jamali, Fardad  
 Jenkins, Steven Vaughn  
 Johnsen, Andy C.  
 Johnson, Charles Richard  
 Johnson, Larry Wilton

Jones, Eve Marie Israelson  
 Jones, Jay Marvin  
 Jones, Randy Keith  
 Kay, Rodney S.  
 Kelley, Peggy Ranson  
 Kinder, David K.  
 Knoop, Robert E.  
 Krusen, Jeffrey Karl  
 Lamping, James W.  
 Lei, John Y.  
 Lewis, Michael William  
 Lewis, Stephen Mark  
 Loosle, Randy J.  
 Maghsoudi, Faramarz  
 Mahmoud, Sharif Ibrahim  
 Marin, Jose Arturo  
 Mason, Bruce Todd  
 Matar, Salah Ibrahim  
 Mayne, Douglas D.  
 McFadden, Sally Jo  
 McHugh, John Arthur  
 Medlij, Yahya Amin  
 Merrill, Jeddie Ralph, Jr.  
 Metcalf, John McKinnon  
 Miner, Guy Eddington  
 Moono Simuwana, Deric E.M.  
 Moradi, Hadi Katbei  
 Mottaghi, Ezzatolla  
 Mumford, Bart L.  
 Mushahwar, Ramzi Ibrahim  
 Myrick, Dana Louise  
 Nielson, Greg S.  
 Nix, Stephanie K.  
 Olsen, Don I.  
 Olsen, Robert Steven  
 Omid, Reza Ghaffarian  
 Pagel, Patrick Eugene  
 Palo, Richard C.  
 Papenfuss, David Rex  
 Parsaeian, Colby Louis  
 Petersen, Larry Willis  
 Quirk, James Francis  
 Rees, K. Lavern  
 Rezaee, Hossein Ghasemzadeh  
 Richards, Kevin Wight  
 Richins, Clare Harold  
 Rigby, David L.  
 Robinson, Jerry Clay  
 Robison, Larry Kevin  
 Rochelle, Roy Dean  
 Rosenberg, Rick T.  
 Rubadue, Mark William  
 Sadeghi, Kolor Habib  
 Sadeghmoghaddam, Gholamreza  
 Savoury, Keith Chadwick  
 Sbeity, Ali Hassan  
 Scholes, Sidney L.  
 Schultz, Oscar Hanley  
 Shelton, Steven Ross  
 Shupe, Karl M.  
 Singleton, Kyle Jay  
 Siswanto, Yoseph  
 Smith, Sidney Lee  
 Snow, Michael E.  
 Snyder, Virgil Leighton  
 Sollender, David Wesley  
 Stephenson, James Scott  
 Strange, Clint Allen  
 Strickler, Donald L.  
 Stuart, Brent C.  
 Tavakkoli, Shahriar  
 Terry, Rodney Alan  
 Tew, Blaine W.  
 Thompson, Kevin William

Tolman, James Scot  
 Tungka, Robin  
 VanDenBerghe, Joseph E.  
 VanDerWerf, Randolph Michael  
 Von Borries, Sergio  
 Wahlen, George Blake  
 Waldron, Douglas J.  
 Walker, William W.  
 Wang, Chi-Ping  
 Wang, Chure-en  
 Westcott, Kevin Dale  
 Weston, Max Beck  
 Whitehead, Wendy  
 Willis, David John  
 Wilson, Walter Raphael  
 Winn, Garth A.  
 Zoobin-Arangeh, Magid

Gemperline, Marie E.  
 Goode, Georgiann  
 Handy, Jill  
 Hansen, Cathryn A. Hlavaty  
 Hansen, Mary Ann  
 Harris, Heidi  
 Harrison, Janel E.  
 Hatch, Janet  
 Havertz, Sherri Lee  
 Hickman, Steve W.  
 Hill, Debra M.  
 Hirsch, Diana  
 Hondzinski, Susan K.  
 James, Paige Balling  
 Jeddrie, Sister Jean Ann  
 Jensen, Kaylene  
 Jorgensen, Dawn  
 Juliano, Vicky Lynn  
 Kennedy, Ruth Ann  
 Lawrence, Jeane  
 Ludwig, Christine Powell  
 Maekawa, Masako  
 Matthews, Lynette  
 Maughan, Kristen K.  
 McGill, Shelly  
 Mervis, Cindy L. Cartwright  
 Miner, Diane Marie  
 Morton, Cathy J.  
 Muhlestein, Jerilyn  
 Nellis, Theresa M.  
 Nelson, Laurie J.  
 Nielsen, Vicki Smith  
 Nielson, JoAnn  
 Olsen, Janet Sue Kidd  
 Parry, Tawna K. Edman  
 Payne, Darla J.  
 Perry, Pamela Jean Catello  
 Peterson, Debra Ann  
 Peterson, Janeal  
 Peterson, Pauline J.  
 Prince, LeeAnn Ferre  
 Rock, Janice L.  
 Roylance, Diane  
 Scott, Lynn Widdison  
 Self, Sue Potter  
 Shaw, Debra P.  
 Sherlock, Susan Marie  
 Shewell, Sandy L.  
 Soto, Phyllis Jensen  
 Steggell, Carmen Dobson  
 Thomas, Stacey L.  
 Thompson, Leslie K.  
 Thorkildsen, Jane I.  
 Thorpe, Paula Munns  
 Vail, Sherrie Lorraine  
 Watkins, Kaye  
 Winkel, Tamara Forsgren  
 Wyeth, Toni Lee Binkerd  
 Young, Deborah Joy Bush

## Two-year Diplomas

Fluckiger, Barbara Eleonora  
 Jenson, Eldon M.  
 Nevitt, Kenneth Dale  
 Rudie, Matthew Laurence  
 Smith, Wesley Keith  
 Snow, Doreen Lynn Gregg  
 Stoddard, Ruth A.  
 Vo, Ngoc-Suong T.  
 Young, Susan

## Family Life

### Joan R. McFadden Dean

Adams, Marilee Hatch  
 Albreten, Mary Checketts  
 Allred, Cheryl Tingey  
 Amman, Mary Elizabeth  
 Andersen, Patricia Dawn  
 Andrews, Doris  
 Azimzadeh, Seydeh Roya  
 Babcock, Shellie D.  
 Barker, Margaret Ruth Chadwick  
 Baum, Shelly J.  
 Black, Shawanna L.  
 Blackham, Lisa  
 Boyce, Ann  
 Braithwaite, Naoma W.  
 Brown, Shannon J.  
 Butts, Laurel Rowland  
 Carpenter, Janet  
 Chidester, Kenra  
 Clark, Cammon Lee Hansen  
 Corry, Shauna Jerolene  
 Cressall, Jolene Bodily  
 Crowther, Elizabeth Susan Hanson  
 Datwyler, Kimberly Carter  
 DeLapp, Edith Ann  
 Divine, Cheryl  
 Doxey, Annelle Olsen  
 Edwards, Lisa  
 Felt, Hayden Samuel  
 Gale, Cindy Esplin  
 Gardner, Lauralee Laker

# Humanities, Arts and Social Sciences

Richard C. Haycock  
Acting Dean

Adams, Bruce L.  
Ahanonu, Ijeoma  
Ahouraiyan, Taraneh  
Albiston, Craig L.  
Allan, Debra Prince  
Allen, Lloyd Patrick  
Allred, Lee  
Amberson, Margaret Ruth  
Anderson, Analee  
Anderson, Bruce William  
Anderson, Danette Irene  
Anderson, Karin  
Anderson, Lanny Lamont  
Anemor, Gordon  
Archibald, Blake Dean  
Arnold, Rosemarie Ilse  
Bain, Janet  
Banks, Nancy Elizabeth  
Bartley, Peter M.  
Beal, Gary K.  
Beebe, Kimberlee E.  
Behunin, Leigh Allison  
Benjamin, Jenny A.  
Betz, David W.  
Beyer, Garth Kay  
Bickmore, Ronda Lettie  
Birnbbaum, Eric Harold  
Bradford, Ruth Ann  
Brafford, Todd William  
Braley, Douglas Scott  
Brimhall, Suzanne  
Briscoe, Gregory G.  
Brugger, Donald Lawrence  
Bryan, Jay Gid  
Butler, Aleen  
Callaghan, Kevin Michael  
Canales, Michael S.  
Canfield, Lisa  
Carlson, Michael Lewis  
Cassler, Ernest B. III  
Chamberlin, Jayne  
Chambers, David Owen  
Champlin, David Turner  
Chatterley, Cedric Nephi  
Chelikowsky, Scott Thomas  
Christensen, Cara Lee Fisher  
Christiansen, Kathy Ann  
Christiansen, Linda Jan  
Churchill, Arlene  
Clancy, Peter W.  
Clark, Jim B.  
Colvin, Robert Alan  
Connelly, Michael Addoms  
Cook, Tom Arthur  
Coon, Joseph L.  
Cooper, Denise  
Cooper, Elizabeth Jane  
Cooper, Steven John  
Costley, Susan K.  
Craney, Elizabeth L.  
Cropper, Gregory  
Cullimore, Alan Lee  
Curtis, Steven Rand  
Darrell, William Eugene  
Darter, Michelle N.  
Davis, Linda Sue Reynolds

Delgado, Maria E.  
Denton, Helen Lee  
Drake, Nicholas L.  
Drake, Perry Monroe  
Dressler, Tracy Lynne Hill  
Dwyer, Eric Scott  
Eggett, Lorie Ann Garrett  
Eisaman, Elizabeth Soule  
Ence, Ronald Paul  
Epperson, Eric Alan  
Ewah, Usani Onun  
Fairbanks, Douglas Voy  
Farnsworth, Alma LaMar  
Findlay, Charles Robert  
Fitzpatrick, Renee Bailey  
Forbes, Michael Curtis  
Ford, Philip L.  
Ford, Scott H.  
Franchina, Elizabeth Kay  
Freeman, Karen  
Fuellenbach, Jan  
Funk, Robert Jordan  
Garner, John Robert  
Gheisar, Bookda  
Gills, Lee Massie  
Gilmore, Charles Walter  
Glissmeyer, Kristi Lynn  
Gomez-Mijares, Ramon A.  
Goodwin, Janilee  
Gordon, Philippa  
Grabler, Cheryl Anita  
Gravenhorst, Kathie Potter  
Griffin, Steven Michael  
Griffiths, Floyd L.  
Griggs, Derek Preston  
Hailes, Rhonda Maria  
Hale, Randall Whitney  
Hall, Benjamin Nels  
Hansen, Eldon J.  
Hanson, Michelle  
Harper, Michelle  
Hatch, Kellan L.  
Hawkes, Elaine Watkins  
Heaton, John Edward  
Hendrickson, Patrick Shawn  
Hill, Beverly  
Hill, Dan N.  
Hill, Gerald Garth  
Hislop, Malley Tracy  
Holbrook, James Gregory  
Hourmanesh, Najmeh  
Huestis, Alan Park  
Hunsaker, Kenneth Dean  
Hunt, Lisa  
Hunter, Kerry Lorin  
Ibach, Anne M.  
Ishino, Roger S.  
Ivie, Randy Boyd  
Jacobs, Vicki Lee  
Jacobson, Ronald Dale  
James, Douglas Wilford  
James, Laurie Schaub  
Jay, Krista  
Jensen, Marc Edward  
Jerman, Steven R.  
Johansen, Jan M.  
Johnson, Cindi Lou Taylor  
Johnson, Julie M.  
Johnson, LeeAnn  
Johnson, Steven Corston  
Johnson, Vicky Jo  
Johnston, Regan  
Jolley, Kevin M.  
Jones, Paula  
Jorgensen, Duane W.

Jorgensen, Norman Victor  
Karbasi, Abraham  
Keane, Teresa Louise  
Kempisty, Candy Marie  
Kenyon, Helen T.  
Killebrew, Eric Scott  
Kirby, Robert Drake  
Klopper, Edward Leroy, Jr.  
Knowlton, Jean L.  
Kragthorpe, Kurt D.  
Krannich, Marilyn Kay  
Kulsic, Victoria  
Lallas, Michael Orin  
Lanner, David H.  
Larsen, Annette Bates  
Larsen, Christian Lars  
Larsen, Leslie Anne  
Larsen, Vance E.  
Larson, Margaret Vance  
Lauritzen, Christopher Smith  
Leatherwood, Joyce M. Bennett  
Lee, Steve H.  
Lewis, Todd  
Little, Glenn A.  
Litz, William Jackson  
Loveridge, Lisa A.  
Lucero, Sam M.  
Lundberg, Jim F.  
Malicka, Agnieszka  
Manning, Bart J.  
Manwaring, Stephen Adamson  
Marshall, Timon Lee  
McCoy, John Kelly  
McCullough, Michael Anthony  
McCutcheon, Patrick John  
McKenzie, Lori A.  
McKenzie, Richard G.  
McMahon, Mark Francis  
Meservy, James Bradford  
Middlebrooks, Linda Tracey  
Miller, Janice Marie  
Mills, Judith Carol  
Milovich, Todd R.  
Mitchell, Elvin Jeffrey  
Monson, Paul Leroy  
Moody, Robert Michael  
Mortensen, Catherine L.  
Moscrip, Leigh Gail  
Muckey, Robin C.  
Nancollas, Daryl  
Nelson, Eric Byrne  
Nelson, James H.  
Newbry, Ronald Douglas  
Nicholson, Robert John  
Nickerson, Dara Lyn  
Noonan, Robert Edmund  
Nye, Jeni Hiatt  
Obay, Greg C.  
Okore, Polycarp Okore Nwankwo  
Olsen, Suzan C.  
Osborn, William Carl  
Otzoy, Nicholas  
Pack, Sylvia Davis  
Parker, Robert Harwood  
Parkin, Brent Guy  
Patterson, Bart James  
Patterson, Mark Edward  
Pearson, Ellen Lyn  
Penate, Fidias Amilcar  
Perkes, Brenda Sue Bowman  
Petersen, Mike Lynn  
Petersen, Sharman M.  
Peterson, Kirk Karl  
Peterson, Margarette Ruth Hall  
Peterson, Steven

Pickett, Blake B.  
Pickett, Mitzi F.  
Pierce, Kathryn Jones  
Pinkston, Darlene  
Potter, Ellen Marie  
Potts, Douglas A.  
Prestgard, Greg Alan  
Prinster, Steven Thomas  
Pugmire, Lisa Lepchenske  
Reber, Larry Ernest  
Reeves, Todd S.  
Rickert, Sheri Ann  
Rivas, Elizabeth  
Rodgers, Stacey Ann  
Rogers, Paul C.  
Rollheiser, Robert L.  
Rose, Steven Burt  
Rosenfeld, Elizabeth Ann  
Russell, Daniel Caine  
Saenz, Joshua Daniel  
Say, Melanie Rodgers  
Schaad, William David  
Sevilla, Manuel Antonio  
Shafer, Kathy Noreen  
Silvernale, David D.  
Sinex, Donald Rex  
Sisk, Stanton  
Skinner, Kathryn Mae  
Smilanich, Paula  
Smith, Andrew Jay  
Smith, C. Peyton  
Smith, Irene Louise Tolson  
Smith, Michael Maughan  
Smith, Reed Anderson  
Smith, Tana  
Smoot, Shane Dee  
Snyder, Ellen Packer  
Sorensen, Barbara  
Sorensen, Brenda Lee  
Sorey, Paul Stewart  
Spackman, Paul F.  
Spatig, Donald LaGrand  
Sprenkle, Danny James  
Stock, Shelly  
Subia, John E.  
Sullivan, Keith Edward  
Summers, Elizabeth Jean Mohler  
Swaner, Sumner Margetts  
Tam, Lisabeth Nielsen  
Tan, Inez Cho Lyn  
Tapio, Mary Jo  
Taylor, Martha June Folsom  
Thirakul, Bounsanih  
Thirkill, Michael Eugene  
Thomas, Geoffrey Myron  
Thorley, Frank Craig  
Thow, Jonathan  
Tibbetts, David M.  
Tolley, Lawrence Farnsworth  
Tomiya, Machiko  
Truitt, Esther R.  
Tuchsen, Bev Dawn  
Utsumi, Youji  
Vendell, Karen Marie  
Volking, Gertrude Rebecca  
Walker, Shirley Joan  
Wankier, Melody Dara Phillips  
Warrick-Bishop, Colleen Kay  
Watson, Paul A.  
Watterson, Cyndie Horrocks  
Wattley, Craig James  
Watts, Abigail  
Weckler, James R.  
Weese, Mark C.  
Wheatley, David Charles



Whitchurch, Charles Ray  
 White, Diane Pearl  
 Wieburg, David Wayne  
 Wilcock, Teri Jo  
 Wilhelm, Monte Gerald  
 Williams, Nancy Matlack  
 Winget, Jeffrey Lon  
 Winter, Jeffrey Mark  
 Wisselmann, Julia  
 Wright, David Scott  
 Wright, Donald L.  
 Wyatt, Brynne  
 Yanito, Charles Addison  
 Yuill, Anthony J.  
 Yuill, Todd B.  
 Yusananda, Chompol  
 Zecher, Brenda

## Natural Resources

### Thadis W. Box

#### Dean

Adams, Peter Lawrence  
 Arana, Victor Constantino  
 Bagley, Calvin Frank  
 Bertagnolli, Mike L.  
 Bonhotal, Jean F.  
 Bonner, Mark Dee  
 Boykin, Douglas Irving  
 Campopiano, David Alan  
 Carpenter, James Clark  
 Chicado, Sharon L.  
 Christensen, Julie Kae  
 Comtois, Rachel Ann  
 Corts, Karen Elizabeth  
 Danvir, Rick E.  
 Dash, Russell Gordon  
 Davis, Suzanne M.  
 Dawuda, Abubakar Kutigi  
 Dee, James M.  
 DeTar, David John  
 Dookeran, Grace Marie  
 Dunford, Tracy J.  
 Ervin, Daniel Lawrence  
 Finnerty, Terry Lee  
 Fullerton, Tod H.  
 Gates, Richard Boyd  
 Gibbons, Jennifer A.  
 Glenn, John Alan  
 Hassane, Boubacar  
 Hexem, Kelli Rene  
 Johnejack, Gail Marcine  
 Kankia, Hassan Bala  
 Keddy, Dolores  
 Kemp, Mark A.  
 Lepley, Jennifer  
 Lesch, Gregory Stephen  
 Lewis, Brad David  
 Liese, L. Edward  
 Litizzette, S. Larry  
 Loucks, Bradley Keith  
 Ludvigsen, Elizabeth Louise M.  
 Mackley, James William  
 McGowan, Kathleen Louise  
 Meyer, Kelly J.  
 Mickelsen, Larry Vaun  
 Milbury, Linda M.  
 Mueggler, Michelle Louise  
 Mueller, Connie Lynn  
 Murphy, William G.  
 Naiser, Nikki Lee

Nelson, Merrill Allen  
 Nickas, George  
 O'Rourke, Charles Milton  
 Oursler, Clair N.  
 Peterson, Lorena Jo  
 Poe, Perry A.  
 Povilaitis, Victor Peter  
 Raine, Bruce  
 Ralphs, Robin R.  
 Rassifaghihi, Kimberly Sue  
 Rivers, Daniel William  
 Robinson, William D.  
 Rorick, Mark S.  
 Samolis, Victor Vincent III  
 Schoppmann, Kevin Duard  
 Smith, Scott James  
 Sorensen, J. Chris  
 Sottolare, John Patrick  
 Stanger, Mark Charles  
 Stewart, Robert Howell  
 Sullivan, Kelly R.  
 Walker, Rachel Ann  
 Wallace, Anne  
 White, John Alexander  
 Wight, Doug W.  
 Wilson, David M.  
 Wilson, Thomas P.  
 Winters, John Martin  
 Woodbury, Dale Weston

## Science

### Thomas L. Isenhour

#### Dean

Adams, Kline Rex  
 Aitken, Nyla Jean  
 Albers, John W.  
 Ames, Glenn Alan  
 Anderson, Marc Olsen  
 Anderson, Rodney Stan  
 Anderson, Thomas Teiser  
 Aren, Aysegul  
 Bachman, Robert Mark  
 Bagley, Marilyn  
 Becenti, Talleatha  
 Bennett, Wayne Courtright  
 Birch, Eric Gray  
 Birch, Mark U.  
 Blake, John S.  
 Blakesley, Jennifer Ann  
 Box, Paul Wayne  
 Bramble, Paula Pritchett  
 Brzinski, Mary Karen Damiani  
 Cardon, Joel G.  
 Chalmers, Kenneth William  
 Chatelain, Peter F.  
 Cheatham, Linda K.  
 Christianson, Debra Jo  
 Clyde, Mark Eliot  
 Coon, Kathryn Marie Dunn  
 Crowther, Scott Duane  
 Dance, Gregg Loosle  
 Davis, David M.  
 Davis, John C.  
 Denning, Richard R.  
 Dismuke, Donna Kay  
 Dodo, Abdulrahman Ibrahim  
 Edwards, David Parrish  
 Elkin, Lawrence Bruce  
 Ellett, Mark Nelson  
 Engelby, Eric O.  
 Fluckiger, Michael S.  
 Frischknecht, Kurt N.  
 Gardner, Trudy  
 Gay, Dennis R.  
 Gillies, Linda Moore  
 Gleason, James Matthew  
 Gomm, Michael Bryant  
 Hagedorn, David Kirk  
 Hales, Kurt Ashley  
 Hall, Lynn Fife  
 Hancey, Jeffrey R.  
 Hartman, John Kevin  
 Hassan, Ahmed Yusuf  
 Hassane, Boubacar  
 Herrick, James J.  
 Heumier, Corey Dean  
 Horne, Craig Stuart  
 Hurst, Lori Ann  
 Hyer, Brad Smart  
 Jenkins, Lee Ryan  
 Jenks, Norman W.  
 Jensen, Christopher DePassel  
 Jensen, Kurt Allen  
 Jenson, Bryan Joseph  
 Johansen, Richard Bart  
 Johnson, Bart J.  
 Johnson, Corey B.  
 Johnson, Russell K.  
 Judd, Scott Richard  
 Keller, Jon Edward  
 Keller, Lauren Marie Goebel  
 Keller, Richard Daniel  
 Keller, Robert Warren  
 Kelley, Carlos Nolean  
 Kerr, Darin Duane  
 Khoyilar, Mohammad Hassan  
 Kueng, John Dennis  
 Kunz, Corey Dee  
 Kwon, Tae Dong  
 Larsen, E. Wayne  
 Larsen, Russell M.  
 Larson, Gregory A.  
 Larson, James David  
 Latham, Philip Glenn  
 Lie, On Khong  
 Lockhart, Micheal Lee  
 Loveland, Susan Marie  
 Lundstrom, Ronald S.  
 Mason, Cynthia F.  
 Maurer, Lynette Marie  
 McDougall, Ted Devon  
 McMillan, Danny James  
 Middib, Mohamed Maroof  
 Miller, Gene Wayne  
 Miller, Larry Louis, Jr.  
 Misener, Terri Talbot  
 Monje, Oscar Alberto  
 Mortenson, Steven Worthen  
 Moser, Marilyn Mecham  
 Moslem, Shouki Ali  
 Myers, James S.  
 Neff, David William  
 Nielsen, Jeff D.  
 Nwobilor, Loveday Elechi  
 Olmsted, Charles Warren  
 Palmer, Gary R.  
 Parcells, Steffen C.  
 Parkin, Jay David  
 Parry, Jon G.  
 Parsons, Mark David  
 Patrick, Stuart Raymond  
 Peatross, Rodney  
 Pendleton, Blair D.

Peterson, Ann Ross  
 Petrosky, Michael Joseph  
 Potter, Elizabeth Starr  
 Pratter, Daniel  
 Prestgard, Greg Alan  
 Raju, Alexander Vegesana  
 Rasmussen, Eric  
 Rasmussen, Kevin Lindhardt  
 Rukavina, Richard Tony  
 Schijf, Alan Jeremy  
 Shaw, Ethalinda Koerner  
 Shen, Win-Yu Rita  
 Shupe, James Grant  
 Simmons, Kistina  
 Sisson, Sandra  
 Smart, Allan Charles  
 Smith, James Carr  
 Sorge, David Glenn  
 Spinzig, Jeffrey E.  
 Staub, Kenneth A.  
 Stevenson, Susan Mary  
 Sylvester, Marcus A.  
 Taylor, Robert Doyle  
 Thompson, Mark E.  
 Thorpe, Bruce C.  
 Toone, Gordon Scott  
 Tur, Juan Jose  
 Ukpe, Uduak Bernard  
 Urry, Mark H.  
 Wach, Diana C.  
 Walden, Von Patrick  
 Wallace, Daniel P.  
 Ward, Bruce Glen  
 Weber, Gregory Thomas  
 White, Parley V.  
 Williams, Kevin Rex  
 Wooley, Jeffrey Neil  
 Yahya, Fifi Pratama

# Graduate Studies

John R. Simmons

Acting Dean

## Doctor of Philosophy

Abbas, Fadhil Migbel

*Baghdad, Iraq*

MS: Baghdad University, 1977

Major: Soil Science and Biometeorology

Major Professor: Dr. Jerome J. Jurinak

Dissertation: A Simplified Model for Salt and Boron Transport in Soils

Aghaebrahimi, Zohrab

*Saman, Shahrkord, Iran*

MS: Utah State University, 1980

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Dissertation: Infiltration Under Surge Flow Irrigation

Agulto, Ireneo C.

*Munoz, Nueva Ecija, Philippines*

MS: University of the Philippines, 1979

Major: Engineering

Major Professor: Dr. Robert W. Hill

Dissertation: Improved Farm Water Management Practices for Maximum Yield of Selected Upland Crops in the Philippines

Agulto, Melissa Espino

*Munoz, Nueva Ecija, Philippines*

MS: University of the Philippines, 1978

Major: Soil Science and Biometeorology

Major Professor: Dr. Gene Lysle Wooldridge

Dissertation: Two-Dimensional Numerical Model of Sensible and Latent Heat Transport in an Irrigated Field Under Advective Conditions

Ahern, Dennis E.

*Lamrada, California*

MS: Cal State University, Chico, 1976

Major: Psychology

Major Professor: Dr. Michael R. Bertoch

Dissertation: Relationships Between Psychogenic Needs and Theoretical Frameworks of Psychotherapists

Amoudi, Mikky Abdullah

*Abi-Areish, Saudi Arabia*

MS: Utah State University, 1981

Major: Biology

Major Professor: Dr. Wilford J. Hanson

Dissertation: Taxonomy and Distribution of Stratiomyidae (Diptera) of the Intermountain Region of Western United States

Arif, Ibrahim A.

*Riyadh, Saudi Arabia*

MS: Colorado State University, 1979

Major: Biology

Major Professor: Dr. Raymond Irvin Lynn

Dissertation: Fluoride Effects on the Growth and Morphology of Two Thermophilic Cyanophytes *Synechococcus Lividus* and *Phormidium Lamosum*

Aryani, Cyrus

*Shiraz, Fars, Iran*

MS: Utah State University, 1982

Major: Engineering

Major Professor: Dr. Kevan D. Sharp

Dissertation: Analysis of Two-Dimensional Auto-correlation Functions for Shear Strength of Tailings Dam Material

Aurasteh, M. Reza

*Rezaiyeh, Iran*

MS: American University of Beirut, 1976

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Dissertation: A Model for Estimating Lawn Grass Water Requirement, Considering Deficit Irrigation, Shading and Application Efficiency

Azzari, Ahmed Saeed

*Shouqra, Abyan, P.D.R. Yemen*

MS: Aberdeen University, 1975

Major: Soil Science and Biometeorology

Major Professor: Dr. Raymond W. Miller

Dissertation: The Effects of Application Rates and Soils on Heavy Metals Uptake By Plants

Barlow, Allen Roger

*Bountiful, Utah*

MS: Utah State University, 1976

Major: Engineering

Major Professor: Dr. William L. Jones

Dissertation: Speed-Power Optimization of Negative Channel Metal-Oxide-Silicon Digital Circuit Design

Beaulieu, Jean T.

*Salem, Massachusetts*

MS: Northern Arizona University, 1976

Major: Recreation Resource Management

Major Professor: Dr. Richard M. Schreyer

Dissertation: Defining the Components of Environmental Image for Use as a Predictor of Decision to Participate

Beladi, Seyed Abdolhamid

*Ahwaz, Iran*

MS: Utah State University, 1979

Major: Economics

Major Professor: Dr. Basudeb Biswas

Dissertation: A Dynamic Optimization Model of Energy Related Economic Planning and Development for the Navajo Nation

Bell, David A.

*Bountiful, Utah*

MS: Utah State University, 1977

Major: Engineering

Major Professor: Dr. Warren F. Phillips

Dissertation: Theoretical and Experimental Investigation of the Isothermal Axisymmetric Turbulent Free Jet

Borjesson, Inger

*Uppsala, Sweden*

BS: Umea Universitet, 1975

Major: Biology

Major Professor: Dr. John J. Skujins

Dissertation: Rhizosphere N<sub>2</sub> Fixation in a Forest Ecosystem In Situ Assays and Evaluation of the Acetylene Reduction Technique

Bracken, William M.

*Kansas City, Missouri*

MS: Utah State University, 1981

Major: Toxicology

Major Professor: Dr. Raghubir Prasad Sharma

Dissertation: Dynamics of Mercury, Cadmium and Vanadium in Cultured Bovine Kidney Cells: An Examination of Relationships to Cytotoxicity and Cell Function

Bruce, Marshall Holland

*Townsend, Massachusetts*

BS: Clark University, 1957

Major: Physics

Major Professor: Dr. W. Farrell Edwards

Dissertation: An Extended Differential Geometry as a Basis for Physical Field Theory

Bush, David Wayne

*Denver, Colorado*

MA: Brigham Young University, 1978

Major: Psychology

Major Professor: Dr. Karl Raymond White

Dissertation: Depression Among Women and Their Perceptions of Power and Status

Campbell, Eugene E.

*Audubon, Iowa*

MS: Utah State University, 1982

Major: Psychology

Major Professor: Dr. Gerald Robert Adams

Dissertation: Adolescent Identity Status and Current Familial Relationships During Separation

D'Agostino, Alfred Thomas

*Staten Island, New York*

MS: Rutgers University, 1978

Major: Chemistry

Major Professor: Dr. Wilford N. Hansen

Dissertation: Electrode Surface and Double Layer Properties and Their Influence on the Electrochemical and X-Ray Photoelectron Spectroscopic Behavior of Gold and Tin Oxide

Dave, Rajesh Narottamdas

*Jhotana, Gujarat, India*

MS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. Warren F. Phillips

Dissertation: An Approach to Design of Solar Heating Systems with Stratified Storage Through Fourier Analysis of Climatic Data

Diallo, Dian M.

*Dakar, Senegal*

MS: Michigan State University, 1981

Major: Economics

Major Professor: Dr. Terrence F. Glover

Dissertation: Risk in Production

Fakhraei, Seyed Hamid

*Dezful, Khouzistan, Iran*

MS: Utah State University, 1979

Major: Economics

Major Professor: Dr. Herbert H. Fullerton

Dissertation: Management of Municipal Water Under Price Rigidity, Stochastic Supply and Quantity Rationing

Forero, Jose Antonio

*Bogota, Cundinamarca, Colombia*

MS: Utah State University, 1975

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Dissertation: Optimal Management of Furrow Irrigation Systems

Galvin, Jennifer Baker

*Purcell, Oklahoma*

MS: Utah State University, 1981

Major: Toxicology

Major Professor: Dr. Steven G. Oberg

Dissertation: Cell-Mediated Immunity of the Dog Lung as Affected by Inhalation of <sup>239</sup>PuO<sub>2</sub> or Pulmonary Tumors

**Gebrelul, Sebbatu W.**

Asmara, Eritrea, Ethiopia  
MS: Utah State University, 1979  
Major: Animal Science  
Major Professor: Dr. Warren C. Foote  
Dissertation: The Relationship of Ewe Body Mass to Lamb Production

**Goliszek, Andrew George**

Winston-Salem, North Carolina  
MS: Utah State University, 1982  
Major: Biology  
Major Professor: Dr. LeGrande C. Ellis  
Dissertation: Effects of Emotional and Physical Stress, Catecholamines and Naloxone on HDL and LDL Cholesterol Levels in Rats and Man

**Guerra, Daniel J.**

Chicago, Illinois  
MS: University of Arkansas, 1981  
Major: Plant Science  
Major Professor: Dr. Frank B. Salisbury  
Dissertation: Photoregulation of Phenylpropanoid Metabolism and Amino Acid Accumulation in *Tricicum Aestivum* (Var. Fremont)

**Haie, Naim**

Isfahan, Iran  
MS: University of Wyoming, 1980  
Major: Engineering  
Major Professor: Dr. Wynn R. Walker  
Dissertation: Hydrodynamic Simulation of Continuous and Surged Surface Flow

**Hansen, David Ernest**

Logan, Utah  
MS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Calvin G. Clyde  
Dissertation: A Groundwater Model with Stochastic Inflows for Evaluating the Feasibility of Artificial Groundwater Recharge in the Weber Delta Area, Ogden, Utah

**Harper, Bruce Gane**

Dugway, Utah  
MS: Brigham Young University, 1979  
Major: Biology  
Major Professor: Dr. Rex S. Spendlove  
Dissertation: Production and Characterization of Monoclonal Antibody and its Comparison to Polyclonal Antibody for Detection of Virus

**Harris, Charles Evan**

Akron, Iowa  
MS: Iowa State University, 1976  
Major: Fisheries and Wildlife  
Major Professor: Dr. Frederick F. Knowlton  
Dissertation: Differential Behavior of Coyotes with Regard to Home Range Limits

**Hinchee, Robert Eric**

Kelly, Wyoming  
MS: Louisiana State University, 1977  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Dissertation: Groundwater Movement of Mutagenic Compounds from Spent Oil Shale

**Ho, Nan-Hsiung Jimmy**

Chia-I, Taiwan, R.O.C.  
MS: Colorado State University, 1978  
Major: Engineering  
Major Professor: Dr. William James Grenney  
Dissertation: A Modified Algorithm for Simulating Un-ionized Ammonia with the Hydrological Simulation Program—FORTRAN (HSFP) Model

**Inserra, Renato Nunzio**

Acireale, Italy  
MS: Catania University, 1965  
Major: Plant Science  
Major Professor: Dr. J. Lamar Anderson  
Dissertation: Development and Pathogenicity of the False Root-Knot Nematode *Nacobbus Aberrans* and its Relationships with *Heterodera schachtii* and *Meloidogyne hapla* on Sugarbeet

**Jansuittivechakul, Oranong**

Bangkok, Thailand  
MS: Chulalongkorn University, 1979  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Daren P. Cornforth  
Dissertation: The Effect of Heat Treatment on Meat Heme and Nonheme Iron Bioavailability for the Anemic Rat

**Kamand, Fadi Zaydan**

Beirut, Lebanon  
MS: American University of Beirut, 1979  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Dissertation: Development of a Water Management-Yield Simulation Model for Potatoes

**Khosroshahin, Mehdi**

Tehran, Iran  
MS: Utah State University, 1979  
Major: Sociology  
Major Professor: Dr. William F. Stinner  
Dissertation: Migration Streams Among Middle Aged and Elderly American Men in the Context of Migration Turnaround: 1965-75

**Kim, In-Hwan**

Seoul, Korea  
MS: Seoul National University, 1972  
Major: Economics  
Major Professor: Dr. Erik Bruce Godfrey  
Dissertation: An Economic Analysis of Watershed Practices: Impact of Grazing on Watershed

**Kini, Ganesh Devdas**

Bombay, India  
MS: University of Bombay, 1977  
Major: Chemistry  
Major Professor: Dr. Richard K. Olsen  
Dissertation: Studies in Peptide Synthesis Towards the Lanthionine Analog of Des-N-Tetramethyl Triostin A

**Kolen, Paul Ted**

Grand Rapids, Michigan  
MS: San Diego State University, 1977  
Major: Physics  
Major Professor: Dr. Douglas G. Torr  
Dissertation: Measurement of the Anisotropies in the Velocity of Guided Electromagnetic Waves

**Leach, Chester Lane**

Covington, Kentucky  
MS: University of Kentucky, 1977  
Major: Toxicology  
Major Professor: Dr. Steven G. Oberg  
Dissertation: Immunotoxic Effects of Inhalation of Various Levels of Formaldehyde Vapor in Rats

**Lucero, Leonardo Cando**

Rizal, Nueva Ecija, Philippines  
MS: Agriculture University Holland, 1973  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Dissertation: Improved Project Water Management in Irrigated Rice

**Luke, Charles Franklin**

Midway, Utah  
MS: Utah State University, 1981  
Major: Toxicology  
Major Professor: Dr. Raghubir Prasad Sharma  
Dissertation: Effects of 3, 5, 6-Trichloro-2-Pyridinol on Thyroid Hormone Function

**Maeda, Elimosaria Elikalia**

Moshi, Kilimanjaro Region, Tanzania  
MS: University of Dares Salaam, 1979  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Daren P. Cornforth  
Dissertation: A Study of the Action of Bovine Cathepsin D on Intramuscular Connective Tissue

**Makary, Moheb Haleem**

Alexandria, Egypt  
MS: Utah State University, 1982  
Major: Toxicology  
Major Professor: Dr. William A. Brindley  
Dissertation: Pharmacokinetics of Dicamba Isomers in the Rats

**McMahon, Donald Jonathon**

Warrnambool, Australia  
BS: Royal Melbourne Institute of Technology, 1979  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Rodney J. Brown  
Dissertation: Enzymic Milk Coagulation: Casein Micelle Aggregation and Curd Formation

**McMullen, Robert Wesley**

Denver, Colorado  
MS: University of Northern Colorado, 1972  
Major: Biology  
Major Professor: Dr. LeGrande C. Ellis  
Dissertation: Seasonal Patterns of B-Endorphin, B-Lipotropin, Acth, a-Msh and Cortisol and Diurnal Rhythms of Serum Melatonin, Pineal Nat Activity and Hypothalamic Mao Activity as Related to the Annual Furring Cycles in Mink (*Mustela vison*)

**Miah, Md. Mirjahan**

Dhaka, Bangladesh  
MS: Bangladesh University of Engineering and Technology, 1979  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Dissertation: Improvement of Deep Tubewell Irrigation Project Performance in Bangladesh

**Mifflin, Theodore Edward**

Ogden, Utah  
BS: Weber State College, 1968  
Major: Biochemistry  
Major Professor: Dr. Neal Richard Langerman  
Dissertation: Evaluation of the Changes Resulting from Binding of Various Flavin Analogs to Egg White Riboflavin Binding Protein

**Mohr, Alan Jeffrey**

Logan, Utah  
MS: Utah State University, 1981  
Major: Biology  
Major Professor: Dr. Rex S. Spendlove  
Dissertation: Aerosol Stability of Reoviruses

**Morrey, John Douglas**

Richland, Washington  
MS: Brigham Young University, 1980  
Major: Biology  
Major Professor: Dr. Gene W. Miller  
Dissertation: Effects of Folic Acid or Zinc Malnutrition on Rotaviral Infection in a Murine Model



**Mughrabi, Mustafa A.**

*Riyadh, Saudi Arabia*  
MS: Utah State University, 1979  
Major: Plant Science  
Major Professor: Dr. Schuyler D. Seeley  
Dissertation: The Effects of Preharvest Plant Growth Regulator Treatments and Temperature on Tomato Ripening; Tomato Fruit Growth Curves and Ripening Phenology

**Murphy, Joseph Henry**

*Logan, Utah*  
MS: University of Cincinnati, 1955  
Major: Chemistry  
Major Professor: Dr. Edward A. McCullough, Jr.  
Dissertation: An Investigation of Certain Catalytic and Promotional Properties of Metallic Zinc

**Neas, Edwin Dean**

*Corpus Christi, Texas*  
MS: Texas A&I University, 1976  
Major: Biology  
Major Professor: Dr. Bill Burl Barnett  
Dissertation: Development and Evaluation of Enzyme Labeled Immunosorbent Assays Utilizing Acetylcholinesterase and its Application to the Study of Murine Rotaviral Infection of Infant Mice

**Nowak, Robert S.**

*Park Ridge, Illinois*  
MS: Utah State University, 1980  
Major: Range Ecology  
Major Professor: Dr. Martyn M. Caldwell  
Dissertation: Plant Gas Exchange of Two Bunch Grasses in Relation to Herbivory Tolerance

**Otsyina, Robert Mike**

*V/R, Ghana*  
MS: Utah State University, 1980  
Major: Range Science  
Major Professor: Dr. Cyrus M. McKell  
Dissertation: Evaluation of Fourwing Saltbush and Other Shrubs as a Supplement to Crested Wheatgrass for Sheep in Fall and Early Winter Grazing Periods

**Padhye, Vikas Vasudeo**

*Bombay, Maharashtra, India*  
BS: University of Bombay, 1976  
Major: Biology  
Major Professor: Dr. Jon Y. Takemoto  
Dissertation: Metabolism of Glycolate in the Photosynthetic Bacterium *Rhodospseudomonas sphaeroides*

**Pfister, James Alan**

*Roundup, Montana*  
MS: New Mexico State University, 1980  
Major: Range Science  
Major Professor: Dr. John C. Malechek  
Dissertation: Nutrition and Feeding Behavior of Goats and Sheep Grazing Deciduous Shrub-woodland in Northeastern Brazil

**Roundy, Bruce A.**

*Reno, Nevada*  
MS: University of Nevada, Reno, 1976  
Major: Range Science  
Major Professor: Dr. Cyrus M. McKell  
Dissertation: Establishment of Tall Wheatgrass (*Agropyron elongatum* (Host) Beauv. 'Jose') and Basin Wildrye (*Elymus cinereus* Scribn. & Merr. 'Magnar') in Relation to Soil Water and Salinity

**Ruyle, George B.**

*Cave Creek, Arizona*  
MS: University of California, 1980  
Major: Range Science  
Major Professor: Dr. Don D. Dwyer  
Dissertation: Sheep Diets and Feeding Behavior in Single and Common Use Grazing Trials on Southwestern Utah Summer Range

**Savello, Paul Alexander**

*Abrams, Wisconsin*  
MS: Brigham Young University, 1979  
Major: Nutrition and Food Sciences  
Major Professor: Dr. C. Anthon Ernstrom  
Dissertation: Meltability and Rheology of Model Process Cheese Containing Acid and Rennet Casein

**Selby, Douglas Allen**

*Las Vegas, Nevada*  
MS: University of Nevada, Las Vegas, 1977  
Major: Engineering  
Major Professor: Dr. Jay J. Messer  
Dissertation: Effects of Cadmium Bioaccumulation on Community Structure in Artificial Hardwater Streams

**Sipprell, Lawrence E.**

*Omaha, Nebraska*  
MS: University of Calgary, 1976  
Major: Recreation Resource Management  
Major Professor: Dr. Richard M. Schreyer  
Dissertation: Fear-arousal as a Means for Increasing Visitor Awareness of Natural Hazards

**Snyder, Ronald L.**

*Las Vegas, Nevada*  
MA: University of Nevada, Las Vegas, 1971  
Major: Psychology  
Major Professor: Dr. Carl D. Cheney  
Dissertation: Accounting for Behavioral Contrast: Recent Interpretations

**Southard, Jonathan Neil**

*Pompton Plains, New Jersey*  
BS: Juniata College, 1977  
Major: Biochemistry  
Major Professor: Dr. Thomas M. Farley  
Dissertation: Hemoglobins of the Cutthroat Trout, *Salmo clarki*

**Spangler, Timothy C.**

*Madison, Wisconsin*  
MS: University of Wyoming, 1972  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Gene Lysle Wooldridge  
Dissertation: Stagnation Zone Impaction on a Simple Terrain Feature in Stable Flow

**Straneva, John E.**

*Ludlow, Pennsylvania*  
MS: Indiana University of Pennsylvania, 1979  
Major: Biology  
Major Professor: Dr. Nabil N. Youssef  
Dissertation: The Effect of Macrophage Depletion on the Immune Responses of Chickens to *Eimeria* Infections

**Tinnakul, Nithet**

*Bangkok, Thailand*  
MS: Utah State University, 1980  
Major: Sociology  
Major Professor: Dr. William F. Stinner  
Dissertation: Community Commitment in the Context of Non-Metropolitan Turnaround: A Longitudinal Analysis

**Tribedy, Gopal**

*Calcutta, West Bengal, India*  
MA: Calcutta University, 1959  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Dissertation: A Macroeconomic Analysis of India's Balance of Payments: 1952-80

**Watts, Richard J.**

*Camarillo, California*  
MS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Dissertation: The Development of Design Criteria for Sensitized Photooxidation Lagoons to Treat Toxic and Refractory Organic Wastes

**Weaver, Mark J.**

*San Diego, California*  
MS: Utah State University, 1981  
Major: Psychology  
Major Professor: Dr. Michael A. Bertoch  
Dissertation: Jacobsonian Versus Autogenic Relaxation Training: Interactions with Locus of Control

**Wing, Kathryn**

*Fergus Falls, Minnesota*  
BA: Weber State College, 1975  
Major: Biology Ecology  
Major Professor: Dr. James A. MacMahon  
Dissertation: The Effects of Altered Prey Availability and Shrub Architecture on Spider Community Parameters: A Field Experiment in a Shrub-steppe Ecosystem

**Woodward, Scott Ray**

*Price, Utah*  
BS: Utah State University, 1980  
Major: Biology  
Major Professor: Dr. Eldon J. Gardner  
Dissertation: Pedigree Analysis of the Gardner Syndrome and Other Polyploid Diseases

## Doctor of Education

**Daines, Richard Dee**

*Logan, Utah*  
MS: University of Utah, 1974  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Izar A. Martinez  
Dissertation: Factors Related to the Implementation of the 1981 Utah Social Studies Curriculum Guides in Secondary Schools

**Gordon, H. James**

*Rexburg, Idaho*  
MS: Brigham Young University, 1971  
Major: Curriculum Development and Supervision  
Major Professor: Dr. James P. Shaver  
Dissertation: The Effects of a Multiple Talent Teaching Program on Student Performance

**Lutz, Charles Michael**

*Logan, Utah*  
MBA: University of Utah, 1975  
Major: Curriculum Development and Supervision  
Major Professor: Dr. H. Robert Stocker  
Dissertation: The Impact of Technology on the Business Office in Utah with Implications for Business Education Curricula

**Musser, JoAnne K.**

*Salt Lake City, Utah*  
MS: University of Utah, 1972  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Walter L. Saunders  
Dissertation: Comparing the Effects of High School Chemistry and Non-chemistry Experiences on Piaget's Operative Comprehension

Watkins, Susan

*North Logan, Utah*

MS: Utah State University, 1971

Major: Curriculum Development and Supervision

Major Professor: Dr. Thomas C. Clark

Dissertation: Longitudinal Study on the Effects of Home Intervention on Hearing Impaired Children

Wilson-Vlotman, Ann Louise

*Adelaide, Australia*

MS: Western Oregon State College, 1980

Major: Curriculum Development and Supervision

Major Professor: Dr. James Carson Blair

Dissertation: Educational Audiology: Practices, Attitudes and Organizational Structures

## Master of Accounting

Beaulieu, Jean T.

*Salem, Massachusetts*

MS: Northern Arizona University, 1975

Brown, Lance Ray

*Juneau, Alaska*

BS: Brigham Young University, 1975

Chaffee, Linda Meadows

*Hyde Park, Utah*

BA: Syracuse University, 1975

Chen, Chih-Cheng

*Taipei, Taiwan, R.O.C.*

BS: TaTung Institute of Technology, 1977

Gilbert, Gregory Robert

*Corinne, Utah*

BS: Utah State University, 1983

Hedelius, Eric Robert

*Ephraim, Utah*

BS: Utah State University, 1983

Hodges, Norman Parley

*Garden City, Utah*

BS: Utah State University, 1983

Nixon, James Scott

*Hyde Park, Utah*

BS: Utah State University, 1983

Phillips, Todd Wayne

*Preston, Idaho*

BS: Utah State University, 1983

Sopkiewicz, Thomas S.

*St. Paul, Minnesota*

BS: St. Mary's College, 1977

Sparks, Leslie V.

*Honeyville, Utah*

BS: Utah State University, 1983

Steed, Val David

*Brigham City, Utah*

BS: Utah State University, 1983

## Master of Agricultural Industries

Barnard, John Edward

*Randolph, Utah*

BS: Utah State University, 1976

Kamdi, Mohd. Jamal b.

*Petalung Jaya Selangor, Malaysia*

BSS: University Sanis Malaysia, 1974

## Master of Arts

Bahmani, Rosemarie

*Logan, Utah*

MS: University of Alabama, 1977

Major: English

Major Professor: Dr. John Edwin Lackstrom

Thesis: A Reading Course Emphasizing Sentence-Level Interpretation for Students of English for Science and Technology

Bergeson, Nancy

*Bountiful, Utah*

BA: Utah State University, 1975

Major: History

Major Professor: Dr. Charles S. Peterson

Thesis: History of the Forty-Second Parallel as a Political Boundary Between Utah and Idaho

Brubaker, Robert M.

*Salt Lake City, Utah*

BA: Weber State College, 1982

Major: History

Major Professor: Dr. Charles S. Peterson

Thesis: Castle Gate: Unionization of a Company Town

Gade, Muriel J.

*Florence, South Dakota*

BA: South Dakota State University, 1970

Major: Theatre Arts

Major Professor: Dr. Colin B. Johnson

Thesis: Plan B

Golesorkhi, Banu

*Mission Viejo, California*

BS: Utah State University, 1980

Major: Sociology

Major Professor: Dr. Richard S. Krannich

Thesis: Rapid Energy Development and Psychological Stress: An Assessment of Interrelationships Between Psychological Stress, Social Network Ties, and Social Support

Macfarlane-Johnson, Annette Rowane

*Riverside, Utah*

BS: Utah State University, 1982

Major: English

Major Professor: Dr. Jarvis L. Anderson

Thesis: Robert E. Sherwood's Vision of Violence

Mitani, Miyako

*Hirakata, Osaka, Japan*

BA: Utah State University, 1982

Major: English

Major Professor: Dr. John Edwin Lackstrom

Thesis: Plan B

Ottley, David LeRoy

*Kearns, Utah*

BA: University of Utah, 1971

Major: Political Science

Major Professor: Dr. Philip S. Spoerry

Thesis: Plan B

Pitcher, Dixon Merrill

*Ogden, Utah*

BA: Weber State College, 1978

Major: Political Science

Major Professor: Dr. Philip S. Spoerry

Thesis: Plan B

Taggart, Cathleen Crockett

*Salt Lake City, Utah*

BS: Utah State University, 1976

Major: English

Major Professor: Dr. John A. Scherting

Thesis: Looking Backward: A Study of Individual and Social Rebirth

Yuan, Pen-Fen

*Changhua, Taiwan*

BS: Tunghai University, 1981

Major: Communication

Major Professor: Dr. Burrell F. Hansen

Thesis: Plan B

## Master of Business Administration

Adams, David

*Bountiful, Utah*

BA: University of Utah, 1981

Baugh, Craig Leishman

*Salt Lake City, Utah*

BA: Utah State University, 1983

Bradshaw, Scott Bernard

*Salt Lake City, Utah*

BS: University of Utah, 1982

Brereton, James C.

*Schenectady, New York*

BS: Brigham Young University, 1980

Carter, Denise Anne

*Ogden, Utah*

BS: Utah State University, 1979

Casper, John Willard

*Bountiful, Utah*

BS: Utah State University, 1982

Child, Christian Victor

*Salt Lake City, Utah*

BS: University of Utah, 1980

Christensen, Tod Kay

*Sandy, Utah*

BS: University of Utah, 1983

Crockett, Bryan Linwood

*Twin Falls, Idaho*

BS: Brigham Young University, 1983

Dahle, MicKeal Larry

*Murray, Utah*

BS: University of Utah, 1982

Elliott, Charles Price

*Burley, Idaho*

BS: Utah State University, 1983

Gaertner, Cesar N.

*Sau Paulo, Brazil*

BS: Brigham Young University, 1983

Gillies, David Earl

*Malad, Idaho*

BS: Brigham Young University, 1979

Grose, David Lynn  
*Ogden, Utah*  
BS: Weber State College, 1982

Halley, Marc Douglas  
*Layton, Utah*  
BS: Weber State College, 1979

Hanson, Alan Kent  
*Bountiful, Utah*  
BS: Utah State University, 1982

Hargreaves, Mark Romero  
*Logan, Utah*  
BS: Utah State University, 1978

Hoffman, C. Edward  
*Cupertino, California*  
BS: Brigham Young University, 1981

Hopkins, Paul Christian  
*North Ogden, Utah*  
BS: Pennsylvania State University, 1976

Howard, Rudd Norton  
*Thatcher, Arizona*  
BS: University of Arizona, 1982

Johnson, Dale Blaine  
*Bountiful, Utah*  
BS: University of Utah, 1980

Kennedy, Ken F.  
*Randolph, Utah*  
BS: Utah State University, 1983

Kim, Dae-Hyun  
*Seoul, Korea*  
BS: Seoul National University, 1974

Kjar, Alan Richard  
*Gunnison, Utah*  
BS: Utah State University, 1982

Laukin, Hans Peter  
*Waldorf, Germany*  
MS: University of Mannheim, 1982

Lee, Chong Won  
*Seoul, Korea*  
BBA: Yonsei University, 1980

Lee, Wing Wah  
*Tai Hang, Hong Kong*  
BS: Brigham Young University, 1980

Lloyd, Bryan Wilson  
*Salt Lake City, Utah*  
BS: University of Utah, 1982

Lundgreen, Kim Wesley  
*Bountiful, Utah*  
BS: Utah State University, 1981

Mabey, Fred T.  
*Bountiful, Utah*  
BS: Brigham Young University, 1976

Maples, James L.  
*Smithfield, Utah*  
BS: Utah State University, 1972

Mattson, Leisa Harris  
*Logan, Utah*  
BS: University of Utah, 1978

Melville, Karen  
*Logan, Utah*  
BS: Utah State University, 1980

Minkler, James Rodney  
*Logan, Utah*  
BS: Utah State University, 1982

Nyborg, Randell Lynn  
*Olympia, Washington*  
BA: Eastern Washington State College, 1979

Osborne, Rodney Bryan  
*Ogden, Utah*  
BS: Weber State College, 1981

Osburn, David Lynn  
*San Jose, California*  
BS: Brigham Young University, 1983

Paradis, Robert Alyn  
*Ogden, Utah*  
BS: Weber State College, 1976

Paraskeva, Mark Andrew  
*Logan, Utah*  
BS: Utah State University, 1982

Ray, Ronald C.  
*Ogden, Utah*  
BS: Weber State College, 1968

Ringold, David Bross  
*Lewiston, Idaho*  
BS: University of Idaho, 1978

Roberts, Reese James  
*Kaysville, Utah*  
BS: Brigham Young University, 1973

Robinson, Beverly  
*Jensen, Utah*  
BS: University of State of New York, 1978

Sechaud, Robert Henri  
*Montreux, Vaud, Switzerland*  
MS: University deLausanne, 1981

Sessions, Rodney J.  
*Clearfield, Utah*  
BS: Utah State University, 1983

Smith, Steven Curtis  
*Lewiston, Utah*  
BS: Utah State University, 1982

Snihuwych, Melety Michael  
*Edmonton, Alberta, Canada*  
BS: University of Alberta, 1981

Speak, Steven Charles  
*Ogden, Utah*  
BS: Weber State College, 1979

Stephenson, Anthony L.  
*Delta, Utah*  
BS: Utah State University, 1982

Tang, Grace Hui  
*Taipei, Taiwan, R.O.C.*  
BS: University of Utah, 1982

Tugaw, Joseph Anthony  
*Salt Lake City, Utah*  
BS: Utah State University, 1982

Tullis, Michael Lowell  
*Clayton, California*  
BS: Brigham Young University, 1983

Ward, Karl Benson  
*Smithfield, Utah*  
BS: Utah State University, 1974

West, Jeff Neeley  
*Smithfield, Utah*  
BA: Utah State University, 1982

White, Mark Haynes  
*Salt Lake City, Utah*  
BS: University of Utah, 1982

Williams, David W.  
*Seattle, Washington*  
BS: Brigham Young University, 1980

## Master of Education

Abrahamson, Ernest P. III  
*Chebeague Island, Maine*  
BS: University of Southern Maine, 1982  
Major: Instructional Technology  
Major Professor: Dr. Don C. Smellie

Barton, Joseph Richard  
*Monticello, Utah*  
BS: Utah State University, 1973  
Major: Elementary Education  
Major Professor: Dr. L. Gail Johnson

Black, Leslie Wooster  
*Logan, Utah*  
BS: Miami University, 1967  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Bradshaw, Michael Duane  
*Wellington, Utah*  
BS: Utah State University, 1974  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

Brauer, Hazel A.  
*Salt Lake City, Utah*  
BS: University of Utah, 1969  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Brinton, Kim  
*Sandy, Utah*  
BA: Southern Utah State College, 1979  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Brooks, Ray Stephens  
*Washington, Utah*  
BS: Southern Utah State College, 1977  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Terrance E. Hatch

Brown, Dwight George  
*Bountiful, Utah*  
 BS: Utah State University, 1976  
 Major: Secondary Education  
 Major Professor: Dr. Walter L. Saunders

Brown, S. Arlene Gardner  
*Salt Lake City, Utah*  
 BS: Utah State University, 1958  
 Major: Elementary Education  
 Major Professor: Dr. L. Gail Johnson

Buchanan, Suzanne Robinson  
*Hooper, Utah*  
 BS: Utah State University, 1971  
 Major: Special Education  
 Major Professor: Dr. K. Richard Young

Burton, Rex Nelson  
*West Valley City, Utah*  
 BS: University of Utah, 1980  
 Major: Elementary Education  
 Major Professor: Dr. Bernard L. Hayes

Bylund, William Jeffery  
*Logan, Utah*  
 BS: Utah State University, 1982  
 Major: Instructional Technology  
 Major Professor: Professor Gary S. Poppleton

Cates, Linda Larson  
*Burley, Idaho*  
 BA: Idaho State University, 1973  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Champlin, Jane Haueter  
*Roosevelt, Utah*  
 BS: Utah State University, 1974  
 Major: Instructional Technology  
 Major Professor: Dr. Alan M. Hofmeister

Chavoshian, Behnaz  
*Tehran, Iran*  
 BS: Pars College, Iran, 1978  
 Major: Special Education  
 Major Professor: Dr. Hyrum S. Henderson

Christensen, Aris Max  
*Ivins, Utah*  
 BS: Weber State College, 1971  
 Major: Secondary Education  
 Major Professor: Dr. Ross R. Allen

Clark, Ellen  
*Burley, Idaho*  
 BS: Brigham Young University, 1982  
 Major: Instructional Technology  
 Major Professor: Professor Gary S. Poppleton

Cooley, Lila  
*Newton, Utah*  
 BS: Utah State University, 1976  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

Crosslin, Patricia Lee  
*Ogden, Utah*  
 BA: California State University at Hayward, 1972  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Culley, Diane Voit  
*Lakewood, Ohio*  
 BS: Utah State University, 1981  
 Major: Special Education  
 Major Professor: Dr. Hyrum S. Henderson

Daines, Mark Earl  
*Hyde Park, Utah*  
 BS: Utah State University, 1971  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

Earl, Steven Lynn  
*Hyrum, Utah*  
 BS: Utah State University, 1981  
 Major: Instructional Technology  
 Major Professor: Professor Gary S. Poppleton

Ehleringer, Edna M.  
*Salt Lake City, Utah*  
 BS: San Diego State University, 1972  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Eppich, Kevin Lynn  
*Salina, Utah*  
 BS: Brigham Young University, 1978  
 Major: Secondary Education  
 Major Professor: Dr. Ross R. Allen

Esmiol, Morris Alfred III  
*Almont, Colorado*  
 BS: University of New Mexico, 1970  
 Major: Secondary Education  
 Major Professor: Dr. Richard S. Knight

Fawson, Philip C.  
*Ogden, Utah*  
 BS: Brigham Young University, 1980  
 Major: Secondary Education  
 Major Professor: Dr. Ross R. Allen

Forsyth, Richard Andrew  
*Salt Lake City, Utah*  
 BA: University of Utah, 1972  
 Major: Elementary Education  
 Major Professor: Dr. L. Gail Johnson

Grako, Vivian B.  
*Price, Utah*  
 BS: Utah State University, 1972  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Gray, Dianne Leigh  
*Helena, Montana*  
 BS: Brigham Young University, 1977  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Green, Collette  
*Centerville, Utah*  
 BS: Utah State University, 1981  
 Major: Special Education  
 Major Professor: Professor Carol R. Beasley

Gregersen, Leola Corinne  
*Cedar City, Utah*  
 BS: Southern Utah State College, 1969  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Hart, Clifford Forrest  
*Wendover, Utah*  
 BS: Adam State College, 1976  
 Major: Secondary Education  
 Major Professor: Dr. William A. Stull

Howell, Stuart Wade  
*Hyde Park, Utah*  
 BS: Utah State University, 1970  
 Major: Secondary Education  
 Major Professor: Dr. Richard S. Knight

Jacobs, Karen Lee  
*Salt Lake City, Utah*  
 BS: Utah State University, 1972  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Johnson, Virgil W.  
*Cedar City, Utah*  
 BA: Southern Utah State College, 1977  
 Major: Secondary Education  
 Major Professor: Dr. Varnell A. Bench

Jones, Linnea Berghout  
*Midvale, Utah*  
 BS: Utah State University, 1977  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

Jorgensen, Cheri Louise  
*Logan, Utah*  
 BS: Brigham Young University, 1979  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Kerr, Jo Ann Turner  
*Ogden, Utah*  
 BS: Kent State University, 1969  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Kroll, Gary E.  
*Salt Lake City, Utah*  
 BS: Utah State University, 1975  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Dale O. Nelson

Larsen, Marianna P.  
*Logan, Utah*  
 BS: Utah State University, 1973  
 Major: Secondary Education  
 Major Professor: Dr. Lloyd W. Bartholome

Larsen, Ruth Leany  
*Salt Lake City, Utah*  
 BS: University of Utah, 1976  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Lee, Kwai Sheung Miranda  
*Yuen Long, Hong Kong*  
 BS: Brigham Young University, 1983  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

Lewis, Dan B.  
*Logan, Utah*  
 BS: Utah State University, 1972  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Dale O. Nelson

Littledike, Terry Lewis  
*Smithfield, Utah*  
 BS: Utah State University, 1973  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

Loomis, Eleanor Marie  
*Providence, Utah*  
 BA: Long Beach State, 1970  
 Major: Elementary Education  
 Major Professor: Dr. L. Gail Johnson

Lund, Paul Eugene  
*Salt Lake City, Utah*  
 2nd BA: University of Utah, 1978  
 Major: Elementary Education  
 Major Professor: Dr. Bryce E. Adkins



Malcomson, Dorothy B.  
*St. George, Utah*  
 BS: San Jose State, 1952  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Mathis, Ronald J.  
*Logan, Utah*  
 BS: Weber State College, 1976  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

Meyers, Richard Allen II  
*Lincoln, California*  
 BS: Utah State University, 1976  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

Monson, Kirk Ray  
*Centerville, Utah*  
 BFA: University of Utah, 1972  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Moody, Larry Gene  
*Fullerton, Nebraska*  
 BS: Concordia Teachers College, 1975  
 Major: Instructional Technology  
 Major Professor: Dr. Steven J. Soulier

Mortensen, Mark Allen  
*Denmark, Maine*  
 BS: University of Southern Maine, 1982  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

Norton, Edith Joan  
*Santa Clara, Utah*  
 BS: Southern Utah State College, 1970  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Oettli, Bonnie Brain  
*Salt Lake City, Utah*  
 BS: University of Utah, 1963  
 Major: Elementary Education  
 Major Professor: Dr. Bernard L. Hayes

Olsen, William Blaine  
*Washington, Utah*  
 BA: University of Utah, 1963  
 Major: Secondary Education  
 Major Professor: Dr. Varnell A. Bench

Ostler, Creed Rex  
*Midvale, Utah*  
 BS: University of Utah, 1977  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Pardon, Douglas Jay  
*Brigham City, Utah*  
 BS: Utah State University, 1979  
 Major: Elementary Education  
 Major Professor: Dr. L. Gail Johnson

Parrilla, Rosa Ines  
*Roy, Utah*  
 BA: Weber State College, 1979  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Peters, Loa D.  
*Idaho Falls, Idaho*  
 BS: Idaho State University, 1974  
 Major: Special Education  
 Major Professor: Dr. Hyrum S. Henderson

Powell, Charles Joseph  
*Syracuse, New York*  
 BA: Utah State University, 1975  
 Major: Instructional Technology  
 Major Professor: Dr. J. Nicholls Eastmond, Jr.

Rasmussen, Reuben Val  
*Cache Junction, Utah*  
 BS: Utah State University, 1970  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Rhees, David Jay  
*Ogden, Utah*  
 BS: Utah State University, 1979  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Ringle, David Mark  
*Burley, Idaho*  
 BS: Utah State University, 1972  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Skenandore, Kevin B.  
*Brigham City, Utah*  
 BS: Utah State University, 1978  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

Smith, Quinton Keith  
*Blythe, California*  
 BS: Southern Utah State College, 1981  
 Major: Elementary Education  
 Major Professor: Dr. James Miller

Spendlove, Luann  
*Roy, Utah*  
 BA: Weber State College, 1979  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

St. John, LaMar  
*Boise, Idaho*  
 BS: Brigham Young University, 1971  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Staheli, Merrill K.  
*Logandale, Nevada*  
 BS: Southern Utah State College, 1971  
 Major: Secondary Education  
 Major Professor: Dr. Varnell A. Bench

Stensrud, Cherilyn Signy  
*Salt Lake City, Utah*  
 BS: University of Utah, 1970  
 Major: Elementary Education  
 Major Professor: Dr. Bryce E. Adkins

Stokes, Robert Merrill  
*Tremonton, Utah*  
 BA: Utah State University, 1980  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

Stucki, Ruth Holston  
*Hurricane, Utah*  
 BS: Southern Utah State College, 1977  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Syndergaard, Christy Colton  
*Grantsville, Utah*  
 BS: Brigham Young University, 1963  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Tadehara, Beverly O.  
*Sandy, Utah*  
 BA: Brigham Young University, 1953  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Thorpe, Janet  
*Murray, Utah*  
 BA: Brigham Young University, 1971  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Walker, Susan  
*Ogden, Utah*  
 BS: Weber State College, 1978  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Waterman, Miriam H.  
*Salt Lake City, Utah*  
 BS: University of Utah, 1961  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

Watts, Raymond C.  
*Logan, Utah*  
 BS: Utah State University, 1972  
 Major: Secondary Education  
 Major Professor: Dr. Richard S. Knight

Wells, Vivian Kay Rendla  
*Twin Falls, Idaho*  
 BA: Boise State University, 1973  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

West, James Craig  
*Farmington, Utah*  
 BS: University of Utah, 1978  
 Major: Special Education  
 Major Professor: Dr. Daniel Paul Morgan

Williams, Rose William  
*Apobo, C.R.S., Nigeria*  
 BS: Utah State University, 1981  
 Major: Special Education  
 Major Professor: Dr. Hyrum S. Henderson

Wilson, Charlean S.  
*Roy, Utah*  
 BS: Weber State College, 1975  
 Major: Elementary Education  
 Major Professor: Professor Evelyn L. Wiggins

Wilson, John Mark  
*Encino, California*  
 BS: Southern Utah State College, 1979  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

Wilson, Susan Shurtz  
*Escalante, Utah*  
 BM: University of Utah, 1968  
 Major: Secondary Education  
 Major Professor: Dr. Terrence E. Hatch

Wood, Phyllis Rae  
*Jerome, Idaho*  
 BS: Utah State University, 1973  
 Major: Special Education  
 Major Professor: Dr. Phyllis R. Publicover

Wood, Robin Ann  
*Beryl, Utah*  
 BS: Southern Utah State College, 1974  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

Worley, Janet Arline  
*Tremonton, Utah*  
BS: Weber State College, 1968  
Major: Elementary Education  
Major Professor: Professor Evelyn L. Wiggins

Yost, Gail Bonnie  
*Logan, Utah*  
BS: University of South Florida, 1972  
Major: Instructional Technology  
Major Professor: Professor Duane E. Hedin

Young, James Huber  
*Heber, Utah*  
BS: Utah State University, 1980  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

## Master of Engineering

Bradbury, David Wayne  
*Everett, Massachusetts*  
BS: Boston State, 1973  
Major: Engineering  
Major Professor: Dr. William L. Jones

Chou, Ching-Hsiang  
*Taipei, Taiwan, R.O.C.*  
BS: Tatung Institute of Technology, 1977  
Major: Engineering  
Major Professor: Dr. William L. Jones

Ho, Chi-Hsin  
*Sunnyvale, California*  
BE: Chung-Yuan University, 1976  
Major: Engineering  
Major Professor: Dr. William L. Jones

Michelsen, Jeffery M.  
*Salt Lake City, Utah*  
BS: Utah State University, 1980  
Major: Engineering  
Major Professor: Dr. William L. Jones

Shen, Chih-Ming  
*Taipei, Taiwan, R.O.C.*  
BS: National Chiao-Tung University, 1978  
Major: Engineering  
Major Professor: Dr. Ronald Thurgood

Shen, Jyh-Ming  
*Kaohsiung, Taiwan, R.O.C.*  
BS: TamKang University, Taiwan, 1974  
Major: Engineering  
Major Professor: Dr. Carl D. Spear

Tsai, Kuoyang  
*Taichung, Taiwan, R.O.C.*  
BS: Chung-Yuan Christian University, 1978  
Major: Engineering  
Major Professor: Dr. Carl D. Spear

Vera-Cruz, Jose Henrique  
*Praia, Cape Verde*  
BS: Instituto Superior Tecnico-Lisbon, 1975  
Major: Engineering  
Major Professor: Dr. Fred W. Keifer

## Master of Fine Arts

Chao, Mei-Yuan  
*Taipei, Taiwan, R.O.C.*  
BS: National Taiwan Normal University, 1978  
Major: Arts  
Major Professor: Professor Adrian Van Suchtelen  
Thesis: Drawing/Painting—Four Seasons

Dawn, Chen-Ping  
*Taipei, Taiwan, R.O.C.*  
BS: Taiwan Normal University, 1976  
Major: Art  
Major Professor: Professor Moishe Smith  
Thesis: The Beauty of Imperfection Interpreted in Printmaking and Sculpture

Farr, Wynn M.  
*Hooper, Utah*  
BFA: Utah State University, 1972  
Major: Art  
Major Professor: Professor Adrian Van Suchtelen  
Thesis: The Notan Influence

Francuz, Liliane  
*Logan, Utah*  
2nd BS: Utah State University, 1981  
Major: Art  
Major Professor: Professor Moishe Smith  
Thesis: An Expressionist Approach to the Woodcut and the Monotype

Hansen, Paul R.  
*Newton, Utah*  
BFA: Utah State University, 1981  
Major: Art  
Major Professor: Professor Larry E. Elsner  
Thesis: Machine Totems

Lutz, Linda Carol  
*Denver, Colorado*  
BA: Utah State University, 1980  
Major: Art  
Major Professor: Professor Moishe Smith  
Thesis: Color Aspects of Structure and Response

Moore, Gordon Dean  
*Salt Lake City, Utah*  
BA: Brigham Young University, 1971  
Major: Art  
Major Professor: Professor Gaell Lindstrom  
Thesis: Thrown Cylinders Can Be Effective Horizontally in Pottery Forms

Perkins, Alice E.  
*Logan, Utah*  
BFA: Utah State University, 1981  
Major: Art  
Major Professor: Professor Larry E. Elsner  
Thesis: Geometric Sculptural Forms

Schwieger, James Bradley  
*Iowa Falls, Iowa*  
BS: University of Iowa, 1981  
Major: Art  
Major Professor: Professor Larry E. Elsner  
Thesis: Sagger Fired Ceramics

Watson, Andrew Stephen  
*Fairfield, Montana*  
BFA: Brigham Young University, 1973  
Major: Art  
Major Professor: Professor Gaell Lindstrom  
Thesis: Porcelain: An Exploration for Throwing Bodies

Zupan, Dennis B.  
*Orem, Utah*  
BA: Brigham Young University, 1972  
Major: Art  
Major Professor: Professor Larry E. Elsner  
Thesis: Ceramic Sculpture: A Relationship of Human Forms

## Master of Forestry

Hannan, Ronald Jay  
*Chillicothe, Ohio*  
BS: Utah State University, 1979  
Major: Forest Management  
Major Professor: Dr. Carl M. Johnson

King, Kenneth A.  
*Boise, Idaho*  
BS: University of California, Berkeley, 1980  
Major: Forest Management  
Major Professor: Dr. Charles H. Romesburg

McCarter, James B.  
*Brecksville, Ohio*  
BS: Utah State University, 1981  
Major: Forest Management  
Major Professor: Dr. James N. Long

## Master of Industrial Education

Brems, Robert O.  
*Logan, Utah*  
BS: Utah State University, 1979  
Major: Industrial Technology and Education  
Major Professor: Dr. Jay C. Hicken

Olson, Frank Edward  
*American Falls, Idaho*  
BS: Brigham Young University, 1977  
Major: Industrial Technology and Education  
Major Professor: Dr. Jay C. Hicken

Volberding, Louis Earl II  
*Colby, Kansas*  
BS: University of Southern Colorado, 1977  
Major: Industrial Technology and Education  
Major Professor: Dr. Neill C. Slack

## Master of Landscape Architecture

Heath, Shannon Blair  
*Colorado Springs, Colorado*  
BS: Colorado State University, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Michael L. Timmons  
Thesis: Plan B

Houghten, Charles John

*Rochester, Michigan*

BA: Western Michigan University, 1976

Major: Landscape Architecture and Environmental Planning

Major Professor: Professor Jerry W. Fuhrman

Thesis: Analysis of Processes to Determine Site Suitability for a Marina at Bear Lake Utah/Idaho

Maca, Martin Norman

*Lincoln, Nebraska*

BS: Utah State University, 1968

Major: Landscape Architecture and Environmental Planning

Major Professor: Professor Lee Nellis

Thesis: Plan B

## Master of Science

Abdulmatlub, Mohammed Abdulhamid

*Benghazi, Libya*

BS: University of Garyounis, 1975

Major: Sociology

Major Professor: Dr. Thel R. Black

Thesis: The Relation Between Residence and People Attitudes Toward Modernity in Libya

Abu-Tarboush, Faisal M.

*Medinah, Saudi Arabia*

BS: Riyadh University, 1977

Major: Biology

Major Professor: Dr. John R. Simmons

Thesis: Induction and Characterization of Cold-Sensitive, Recessive, Sex-Linked Lethal Mutation in *Drosophila melanogaster*

Adeyemi, Adedayo A.

*Akungba Ondo, Nigeria*

BS: University of Ibadan, 1974

Major: Forest Resources

Major Professor: Dr. Charles H. Romesburg

Thesis: Plan B

Afnani, Moeen

*Tehran, Iran*

BS: Utah State University, 1981

Major: Sociology

Major Professor: Dr. Richard S. Krannich

Thesis: Socioeconomic Impacts of Coal and Nuclear Power Plants in the Eastern United States: An Analysis of Perceived Impacts

Al-Eid, Abdulaziz Saad

*Riyadh, Saudi Arabia*

BS: Riyadh University, 1978

Major: Political Science

Major Professor: Dr. William L. Furlong

Thesis: Plan B

Al-Sayyad Mohammed Karam

*Baghdad, Iraq*

BS: Al-Mustansiriyah, 1974

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Thesis: Plan B

Al-Udaini, Mahmood Hasan

*Sanaa, Yemen*

BS: Azerbaijan Institute of Petroleum and Chemistry, 1976

Major: Watershed Science

Major Professor: Dr. Richard H. Hawkins

Thesis: Plan B

Al-Uobi, Hamed Ahmed

*Madaina, Saudi Arabia*

BS: King Saud University, 1976

Major: Plant Science

Major Professor: Dr. Alvin R. Hamson

Thesis: The Effect of Plastic Mulches and Row Covers on the Earliness and Yield of Sweet Peppers

AmirFathi, Masood

*Rezaiyeh, Iran*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. J. Clair Batty

Thesis: Analytical and Experimental Modeling of Storage Zone Behavior in Salt Gradient Solar Ponds

Anderson, Don Vernal

*Rye, Colorado*

BS: Utah State University, 1982

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Thesis: Plan B

Anderson, Gary Lee

*Price, Utah*

BS: Utah State University, 1971

Major: Animal Science

Major Professor: Dr. Norris J. Stenquist

Thesis: Production Factors in Beef Cattle Finishing

Anderson, Mark Darius

*Logan, Utah*

BS: Utah State University, 1980

Major: Engineering

Major Professor: Dr. Robert W. Hill

Thesis: Corn and Wheat Yield Prediction as Influenced by Irrigation, Planting Date and Location

Astroth, Kirk A.

*Salt Lake City, Utah*

BS: University of Denver, 1974

Major: Range Science

Major Professor: Dr. Kendall L. Johnson

Thesis: Managing Intermountain Rangelands: The Benmore Experience 1940-1980

Atai-Azimi, Ali-Reza

*Mashhad, Iran*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. Duane G. Chadwick

Thesis: Design of a Microcomputer-based System for Monitoring Water Flow in Parshall Flumes

Atwood, Jay Dee

*Pingree, Idaho*

BS: Utah State University, 1982

Major: Agricultural Economics

Major Professor: Dr. Jay C. Andersen

Thesis: A Linear Programming Analysis of Several Determinants of Profit on a Simulated Northern Utah Dairy Farm

Baiden, Eric Donald Reynolds

*Cape-Coast, Ghana, West Africa*

BS: University of Ghana, 1976

Major: Soil Science and Biometeorology

Major Professor: Dr. John R. Hanks

Thesis: Nitrogen, Water, Variety Interaction of Wheat

Banducci, Gary Michael

*Arcata, California*

BS: Humboldt State University, 1976

Major: Engineering

Major Professor: Dr. Reynold K. Watkins

Thesis: Determination of Lateral Soil Resistance of Thrust Pins Embedded in Sand

Banner, Deana Purinton

*Casper, Wyoming*

BS: Utah State University, 1980

Major: Sociology

Major Professor: Dr. Brian L. Pitcher

Thesis: Social Psychological Well-Being of Unwed Mothers: Differences Between Those Who Keep Their Babies and Those Who Relinquish

Barber, Kim Rex

*Logan, Utah*

BS: Weber State College, 1971

Major: Fisheries and Wildlife

Major Professor: Dr. Frederick G. Lindzey

Thesis: Use of Clearcut Habitats by Black Bears in the Pacific Northwest

Barker, Wm. Chris

*Ogden, Utah*

BS: Utah State University, 1983

Major: Engineering

Major Professor: Dr. Winfred O. Carter

Thesis: Analysis of Semi-Rigid Diaphragms

Barnhill, James Vaughn

*Nampa, Idaho*

BS: Brigham Young University, 1978

Major: Plant Science

Major Professor: Dr. James L. Bushnell

Thesis: The Quality of Alfalfa as Related to Variety

Barton, Susan Dale

*Sunset, Utah*

BS: Utah State University, 1980

Major: Mathematics

Major Professor: Dr. Lawrence O. Cannon

Thesis: Microcomputer Algorithms for Prime Number Testing

Belaineh, Getachew

*Addis Ababa, Ethiopia*

BS: Addis Ababa University, 1977

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Thesis: The Effect of Water Above a Drain on the Depth of Water Table Mid-Way Between Drains

Bereciartu, Freddy Marcial

*Barquisimeto, Lara, Venezuela*

BS: Institute University, Pedagogico Barquisimeto, 1978

Major: Agricultural Education

Major Professor: Dr. Wesley T. Maughan

Thesis: Plan B

Bergstrom, John Evan

*San Antonio, Texas*

BS: Utah State University, 1976

Major: Plant Science

Major Professor: Dr. Alvin R. Hamson

Thesis: A Comparison of Plant Density Versus Yield for Spinach, Carrots, Bush Beans, and Beets in a Square Grid Configuration in Northern Utah

Bertrand, Jacques Jean Jerome

*San Francisco, California*

BS: San Francisco State University, 1973

Major: Physics

Major Professor: Dr. Wilford N. Hansen

Thesis: A Comparison Between the Hutchison Non-Local Microscopic Optical Response and the Classical Optical Response



**Bhise, Nitin Kamalakant**

*Bombay, Maharashtra, India*  
 BE: Victoria Jubilee Tech., 1980  
 Major: Engineering  
 Major Professor: Dr. J. Clair Batty  
 Thesis: Computer Simulation Study of Optimal Thickness of Nonconvective Zone in Salt Gradient Solar Ponds and a Comparison of Relevant Thermal to Electrical Conversion Technologies

**Brandt, Norris Poulson**

*Irvine, California*  
 BS: California State Polytechnic University, 1980  
 Major: Engineering  
 Major Professor: Dr. Lyman S. Willardson  
 Thesis: A Prediction Model for Furrow Runoff Based on Line-Source Sprinkler Data

**Brehm, Michael David**

*Carlisle, Pennsylvania*  
 BS: Penn State University, 1981  
 Major: Engineering  
 Major Professor: Dr. Calvin G. Clyde  
 Thesis: Regional Groundwater Flow and Solute Transport in Western Salt Lake County

**Bringhurst, Douglas Karl**

*Logan, Utah*  
 BS: Utah State University, 1982  
 Major: Engineering  
 Major Professor: Dr. Vance T. Christiansen  
 Thesis: Design and Engineering Considerations for Earth Sheltered Housing

**Brown, Mark Richard**

*Fort Collins, Colorado*  
 BS: University of Colorado, 1980  
 Major: Town and Regional Planning  
 Major Professor: Professor John K. Nicholson  
 Thesis: Plan B

**Brownlee, Brenda Diane**

*Huntington Beach, California*  
 BS: Utah State University, 1982  
 Major: Communicative Disorders  
 Major Professor: Dr. Jay R. Jensen  
 Thesis: A Review of Speech-Language Improvement Programs in the Public Schools

**Burgener, Arlene**

*Heber City, Utah*  
 BS: Brigham Young University, 1971  
 Major: Business Education  
 Major Professor: Dr. Lloyd W. Bartholome  
 Thesis: Plan B

**Buskirk, Karen Ann**

*Escondido, California*  
 BS: Utah State University, 1981  
 Major: Communicative Disorders  
 Major Professor: Dr. James C. Blair  
 Thesis: Sound Field Speech Discrimination Scores for Normal Hearers Under Varying Speech/Eight-Talker Babble Ratios

**Cabral, Diego Ramon**

*San Rafael, Mendoza, Argentina*  
 BS: Universidad Nacional DeCuyo, 1972  
 Major: Range Ecology  
 Major Professor: Dr. Neil E. West  
 Thesis: Plant Weight-Density Relationships on Salt Desert Shrublands with Differing Range Condition

**Campbell, Neal Jay**

*Twin Falls, Idaho*  
 BS: Utah State University, 1983  
 Major: Engineering  
 Major Professor: Dr. J. Paul Tullis  
 Thesis: Modeling Free Surface Vortices in Vertical Pumping Pits

**Campbell, Richard A.**

*El Paso, Texas*  
 BS: University of New Mexico, 1980  
 Major: Psychology  
 Major Professor: Dr. Keith T. Checketts  
 Thesis: A Follow-Up Study of the Edith Bowen Gifted Program

**Carlson, Rick D.**

*Chamberlain, South Dakota*  
 BS: Yankton College, 1981  
 Major: Chemistry  
 Major Professor: Dr. Neal R. Langerman  
 Thesis: The Thermodynamics of Flavin Binding to the Apoflavodoxin from *Azotobacter vinelandii*

**Carpenter, Robert Nelson**

*Logan, Utah*  
 BS: Utah State University, 1981  
 Major: Nutrition and Food Sciences  
 Major Professor: Dr. Rodney J. Brown  
 Thesis: A Method for Separating Casein Micelles from Whey Proteins for Determining Casein in Milk

**Casola, William Hewitt**

*Alexandria, Virginia*  
 BS: Virginia Polytechnic Institute, 1979  
 Major: Engineering  
 Major Professor: Dr. A. Bruce Bishop  
 Thesis: An Optimal Control Model Applied to Groundwater Management in Utah

**Cavanaugh, Cindy Ann**

*Sycamore, Illinois*  
 BS: Western Illinois University, 1976  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Robert E. Sorenson  
 Thesis: A Developing Profession: The History of the Health, Physical Education, and Recreation Department at Utah State University—1888-1980

**Chambers, Shelley R. Adair**

*Roy, Utah*  
 BS: Utah State University, 1982  
 Major: Business Education  
 Major Professor: Dr. William A. Stull  
 Thesis: Plan B

**Chang, Ming-Kuang**

*Taipei, Taiwan, R.O.C.*  
 BS: Cheng-Kung University, 1979  
 Major: Engineering  
 Major Professor: Dr. Vance T. Christiansen  
 Thesis: Plan B

**Chang, Ya-Hui**

*Taipei, Taiwan, R.O.C.*  
 BS: National Central University, 1978  
 Major: Engineering  
 Major Professor: Dr. Winfred O. Carter  
 Thesis: Wind-induced Vibration of Tier Building

**Chen, Charles Shenglang**

*Ogden, Utah*  
 BS: Utah State University, 1982  
 Major: Engineering  
 Major Professor: Dr. Wynn R. Walker  
 Thesis: Plan B

**Cheng, Haw-Zen**

*Taipei Hsien, Taiwan, R.O.C.*  
 BS: National Cheng-Kung University, 1978  
 Major: Computer Science  
 Major Professor: Dr. Donald H. Cooley  
 Thesis: Plan B

**Chow, Teh-Liang Joseph**

*Taipei, Taiwan, R.O.C.*  
 BS: Tatung Institute of Technology, 1978  
 Major: Computer Science  
 Major Professor: Dr. Rex L. Hurst  
 Thesis: Plan B

**Chu, San-Ming**

*Taipei, Taiwan, R.O.C.*  
 BSE: National Cheng Kung University, 1978  
 Major: Computer Science  
 Major Professor: Dr. Donald H. Cooley  
 Thesis: Plan B

**Chung, Duck Jin**

*Sangju, Kyung Sang Bukdo, Korea*  
 BS: Seoul National University, 1970  
 Major: Engineering  
 Major Professor: Dr. William L. Jones  
 Thesis: Investigation of Some Problems in Using a Small Computer for Non-linear Circuit Analysis

**Crawford, Adrian**

*Arvada, Colorado*  
 BA: University of Northern Colorado, 1976  
 Major: Special Education  
 Major Professor: Dr. K. Richard Young  
 Thesis: The Effects of Fluency and Accuracy on Retention of Functional Signs in Multiply Handicapped Deaf Adolescents

**Criddle, Craig Swainston**

*Salt Lake City, Utah*  
 BS: Utah State University, 1982  
 Major: Engineering  
 Major Professor: Dr. V. Dean Adams  
 Thesis: Sulfur Dioxide Treatment of Waste Activated Sludge

**Cummins, Cathie H.**

*Jerome, Idaho*  
 BS: Utah State University, 1982  
 Major: Communicative Disorders  
 Major Professor: Dr. Jay R. Jensen  
 Thesis: Plan B

**da Silva, Fernando B.**

*Olinda-Pe, Brazil*  
 MBA: Sul Ross State University, 1980  
 Major: Economics  
 Major Professor: Dr. Allen D. LeBaron

**Davis, Matthew Conway**

*Bridgeville, Delaware*  
 BS: Utah State University, 1982  
 Major: Geology  
 Major Professor: Dr. Peter T. Kolesar  
 Thesis: Evaluation of Low-temperature Geothermal Potential in North-Central Box Elder County, Utah

**Depusoy, Catalina**

*Manila, Philippines*  
 BS: University of Santo Tomas, 1977  
 Major: Biochemistry  
 Major Professor: Dr. Elizabeth A. Boeker  
 Thesis: Subunit Interactions in the Inducible Arginine Decarboxylase From *Escherichia Coli B*

**Deputy, Edward James**

*Murray, Utah*  
 BS: Utah State University, 1979  
 Major: Geology  
 Major Professor: Dr. Peter T. Kolesar  
 Thesis: Petrology of the Middle Cambrian Ute Formation North-Central Utah and Southeastern Idaho

**Devaurs, Micheline Anne**

*San Francisco, California*

BS: University of California at Berkeley, 1981

Major: Watershed Science

Major Professor: Dr. Gerald F. Gifford

Thesis: Variability Studies Within Large Runoff Plots on Rangelands

**DeVoll, Tracy Lynn**

*Oconomowoc, Wisconsin*

BS: University of Wisconsin Eau Claire, 1981

Major: Communicative Disorders

Major Professor: Dr. Steven H. Viehweg

Thesis: Visual Evoked Responses in Deaf and Normal Hearing Subjects

**Dhaon, Deep K.**

*Lucknow, U. P., India*

BS: Delhi University, 1980

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Thesis: Plan B

**Edmunds, Glenda Ruth**

*Sierra Madre, California*

BS: California State University at Los Angeles, 1980

Major: Nutrition and Food Sciences

Major Professor: Dr. Bonita W. Wyse

Thesis: Using Videodisc Technology and the Index of Nutritional Quality to Teach Dietary Guidance to Young Adults

**El Kayal, Amany Hassan**

*Alexandria, Egypt*

BS: Alexandria University, 1978

Major: Engineering

Major Professor: Dr. J. Paul Riley

Thesis: Evaluating the Design and Operation of Irrigation Canals in Egypt

**Ferguson, Anne Elizabeth**

*Logan, Utah*

BA: University of Arizona, 1977

Major: Communication

Major Professor: Dr. John Jay Black

Thesis: Legal and Ethical Dimensions of Computer Software—An Exploratory Study

**Frantz, Marjorie E.**

*Logan, Utah*

BA: Bucknell University, 1975

Major: Engineering

Major Professor: Dr. David S. Bowles

Thesis: The Quantity and Allocation of Cloudseeding—Generated Waters Under Drought Conditions

**Frey, Charles Raymond**

*Cincinnati, Ohio*

BS: University of Cincinnati, 1979

Major: Political Science

Major Professor: Dr. Philip S. Spoerry

Thesis: Plan B

**Fujimoto, Blair T.**

*Ogden, Utah*

BS: Utah State University, 1979

Major: Biology

Major Professor: Dr. David B. Drown

Thesis: Inactivation of Reovirus, Rotavirus, and Poliovirus by Chlorine in Water

**Gagnon, David Roger**

*Bakersfield, California*

BS: San Diego State University, 1975

Major: Physics

Major Professor: Dr. Douglas G. Torr

Thesis: An Experiment to Test for Violations of Special Relativity Using the Mossbauer Effect

**Garcia, Jorge A.**

*La Paz, Bolivia*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. Douglas L. James

Thesis: Comparison of Irrigation Techniques and Their Impact on Water Requirements

**Gebrelul, Sebhatur**

*Asmara, Eritrea, Ethiopia*

MS: Utah State University, 1979

Major: Applied Statistics

Major Professor: Dr. Ronald V. Canfield

Thesis: Application and Interpretation of Principal Components, Factor and Canonical Analysis to Biological Data

**George, Holly Ann**

*Yuba City, California*

BS: California Polytech at San Luis Obispo, 1980

Major: Animal Science

Major Professor: Dr. Lyle G. McNeal

Thesis: Growth of Targhee and Targhee Crossbred Lambs on Utah Rangelands

**Gharbi, Ali**

*Bizerte, Tunisia*

BS: E.S.I.E.R., Medjez-El-Bab, 1980

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Thesis: Effect of Flow Fluctuations on Free-Draining and Sloping Furrow and Border Irrigation Systems

**Glabau, Bruce Douglas**

*Coos Bay, Oregon*

BS: University of Oregon, 1978

Major: Engineering

Major Professor: Dr. A. Bruce Bishop

Thesis: Determining Optimal Allocation of Water for Small-Scale Hydropower Development: A Systems Approach

**Gundurao, Shashidhara**

*Bangalore, Karnataka, India*

BS: Bangalore University, 1981

Major: Engineering

Major Professor: Dr. William L. Jones

Thesis: Computer-aided Analysis of Crosstalk Between Planar Conductors on a Dielectric Sheet

**Hansen, Galen J.**

*Logan, Utah*

BS: Brigham Young University, 1980

Major: Physics

Major Professor: Dr. Wilford N. Hansen

Thesis: Studies of the Emerged Double Layer Using Work Function Monitoring, Ellipsometry, and Current Monitoring

**Harb, Awad I.**

*Toledo, Ohio*

BS: University of Syria, 1973

Major: Engineering

Major Professor: Dr. Vance T. Christiansen

Thesis: Plan B

**Harris, George Dewey**

*Annapolis, Maryland*

BS: Virginia Tech, 1981

Major: Fisheries and Wildlife

Major Professor: Dr. George S. Innis

Thesis: The Winter Bioenergetics of *Lepus californicus*

**Harrison, Marvel E. P.**

*Coaldale, Alberta, Canada*

BS: Idaho State University, 1978

Major: Nutrition and Food Sciences

Major Professor: Dr. Arthur W. Mahoney

Thesis: A Discriminant Analysis Including Fatty Acid and Lipid Content in Colon Cancer Patient's and Control's Diets

**Hashim, Zahra Noori**

*Babylon, Iraq*

BS: Basrah University, 1976

Major: Plant Science

Major Professor: Dr. William F. Campbell

Thesis: Electrophoretic Patterns of Storage Proteins in *Phaseolus* Prone to Cotyledonal Cracking

**Hassan, Mohamed Ali**

*Khartoum, North Sudan*

BS: Alexandria, 1976

Major: Range Science

Major Professor: Dr. Neil E. West

Thesis: Effects of a Wildfire on Seed Rain and Soil Seed Reserve Dynamics of a Good Condition Sagebrush—Grass Rangeland in Central Utah

**Hazlett, Denise Loy**

*Conogo Park, California*

BS: University of California at Santa Barbara, 1980

Major: Communicative Disorders

Major Professor: Dr. Jay R. Jensen

Thesis: Geriatric Aphasic Patients and Health Care Personnel: An Assessment of Knowledge Needed to Provide Adequate Services

**Heefner, Scott Norman**

*Atlanta, Georgia*

BCE: Georgia Tech, 1979

Major: Engineering

Major Professor: Dr. L. Douglas James

Thesis: Analysis of Flood Characteristics on an Urbanized Alluvial Fan: Mill Creek Drainage Basin, Bountiful, Utah

**Hellstern, Ronald J.**

*Antioch, Illinois*

BS: Utah State University, 1968

Major: Health, Physical Education and Recreation

Major Professor: Dr. Dale O. Nelson

Thesis: Motivational Methods as Viewed by High School Basketball Coaches and Players

**Hines, Franklin Dee**

*Independence, Kansas*

BS: Utah State University, 1980

Major: Forest Ecology

Major Professor: Dr. James N. Long

Thesis: The Effect of Initial Size on Subsequent Performance in Container Grown Engelmann Spruce Seedlings

**Howell, Craig Leon**

*Fish Haven, Idaho*

BS: Brigham Young University, 1978

Major: Economics

Major Professor: Dr. E. Bruce Godfrey

Thesis: Energy Analysis of Flat Water Recreation: An Economic Assessment

**Hsu, Ho-Chyh**

*Taipei, Taiwan, R.O.C.*

BS: Chung-Yuan University, 1976

Major: Computer Science

Major Professor: Dr. Rex L. Hurst

Thesis: Plan B

- Hugie, William Von**  
Blackfoot, Idaho  
BS: Utah State University, 1981  
Major: Plant Science  
Major Professor: Dr. Rulon S. Albrechtsen  
Thesis: Development of a Technique to Assess Salt Tolerance in Barley Genotypes
- Hurst, Carl Johanson**  
Bosque Farms, New Mexico  
BS: Utah State University, 1979  
Major: Computer Science  
Major Professor: Dr. Donald H. Cooley  
Thesis: Plan B
- Hwang, Eric Tzyy-Yang**  
Taipei, Taiwan, R.O.C.  
BS: National Taiwan University, 1977  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Plan B
- Innocenti, Mark Sigurjon**  
Beverly, Massachusetts  
BS: Northeastern University, 1977  
Major: Psychology  
Major Professor: Dr. J. Grayson Osborne  
Thesis: The Development of S+ and S- Rules in Matching-to-sample by Pigeons Through Prior Autoshaping
- Ishaya, Joseph B.**  
Takum, Gongola State, Nigeria  
BS: Utah State University, 1981  
Major: Agricultural Education  
Major Professor: Dr. Donald C. Dobson  
Thesis: Plan B
- Israelsen, Craig L.**  
Los Altos, California  
BS: Utah State University, 1983  
Major: Agricultural Economics  
Major Professor: Dr. Donald L. Snyder  
Thesis: Alfalfa Production as Related to Irrigation Scheduling: An Economic Perspective
- Israelsen, Tamara Trimble**  
Bountiful, Utah  
BS: Utah State University, 1979  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: Educational Desires of Married Student's Spouses
- Jablonski, Michael Alan**  
Bethesda, Maryland  
BS: Utah State University, 1979  
Major: Forest Resources  
Major Professor: Dr. Charles H. Romesburg  
Thesis: Plan B
- Jack, Oriki Karibo**  
Abonnema, Rivers, Nigeria  
BS: Utah State University, 1979  
Major: Animal Science  
Major Professor: Dr. Jay O. Anderson  
Thesis: The Effect of Limestone Particle Size on Performance of Broiler Chicks and Laying Hens
- Jacques, Frank S.**  
Auburn, Massachusetts  
BS: Plymouth State College, 1982  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder  
Thesis: Myocardial Kinetic Differences at Rest and Following Exercise Between Sons of Fathers Who Suffered a Myocardial Infarction to Sons of Fathers With No History of Coronary Heart Disease
- Janssen, Paul Joel**  
Des Moines, Iowa  
BS: Utah State University, 1981  
Major: Fisheries and Wildlife  
Major Professor: Dr. John M. Neuhold  
Thesis: Investigation of Selected Aspects of Kokanee (*Onchorhynchus nerka*) Ecology in Porcupine Reservoir, Utah, With Management Implications
- Jarrett, Claudia P.**  
Mt. Pleasant, Utah  
BS: University of Utah, 1970  
Major: Business Education  
Major Professor: Dr. H. Robert Stocker  
Thesis: Plan B
- Jeppesen, Richard Lewis**  
Brigham City, Utah  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Clair L. Wyatt  
Thesis: Operating System Controller for a Czerny-Turner Monochromator
- Johnson, Cynthia Kay**  
Greeley, Colorado  
BS: Rice University, 1979  
Major: Range Ecology  
Major Professor: Dr. Neil E. West  
Thesis: Seed Reserves in Stockpiled Topsoil on a Coal Mine Near Kemmerer, Wyoming
- Jones, Michael K.**  
Menan, Idaho  
BS: Brigham Young University, 1973  
Major: Family and Human Development  
Major Professor: Dr. Glen O. Jenson  
Thesis: The Impact of Birth Order on Five Selected Personality Values
- Kaisch, Suzanne**  
Lee, Massachusetts  
BA: Lake Erie College, 1969  
Major: Computer Science  
Major Professor: Dr. Peter P. Smith  
Thesis: Plan B
- Keller, Randal Joseph**  
Seneca Falls, New York  
BS: Eisenhower College, 1979  
Major: Toxicology  
Major Professor: Dr. Raghubir P. Sharma  
Thesis: *In Vitro* and *In Vivo* Effects of Vanadate on K+ - Dependent Phosphatase Activities From Subcellular Fractions of Brain, Kidney and Liver
- Kesler, Kevin C.**  
Kanosh, Utah  
BS: Utah State University, 1982  
Major: Agricultural Education  
Major Professor: Dr. A. Pat Pruitt  
Thesis: An Analysis of the Tasks Performed by Agricultural Mechanics at a Retail Agricultural Equipment Dealership in Utah
- Kim, Kwang-Hwan**  
Seoul, Korea  
BS: National Taiwan University, 1981  
Major: Computer Science  
Major Professor: Dr. Donald H. Cooley  
Thesis: Plan B
- Kitani, Kazuo**  
Osaka, Japan  
BS: Ehime University, 1974  
Major: Engineering  
Major Professor: Dr. Lyman S. Willardson  
Thesis: Hydraulic Ram Use for Sprinkler Irrigation
- Knight, Gerald K.**  
Bountiful, Utah  
BS: Utah State University, 1981  
Major: Engineering  
Major Professor: Dr. Alma P. Moser  
Thesis: The Structural Response of Fiberglass Reinforced Plastic Pipe Under Earth Loadings
- Kolesar, Mary Veronica**  
Bridgeport, Connecticut  
AB: Emmanuel College, 1964  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: Empirical Error Rates for a Repeated Measures Design
- Kollock, Victor James**  
Highlands Heights, Ohio  
BS: University of Wisconsin, Green Bay, 1979  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Thesis: Nonpoint Source Pollution to Bear Lake, Utah-Idaho: Magnitude, Periodicity, and Watershed Management Alternatives
- Lai, Yin-Hur**  
Tainan, Taiwan, R.O.C.  
BS: National Tsing-Hua University, 1978  
Major: Engineering  
Major Professor: Dr. William L. Jones  
Thesis: Computer Simulation of MOS Transistor Logarithmic Amplifier Circuits
- Lane, Ronald J.**  
Ebensburg, Pennsylvania  
BS: Pennsylvania State University, 1978  
Major: Animal Science  
Major Professor: Dr. John E. Butcher  
Thesis: Electronic Feeding Doors for Individually Feeding Group Housed Sheep Compared to Individual Housing and Feeding or Group Housing and Feeding
- Larson, Don Calder**  
Provo, Utah  
BS: Brigham Young University, 1977  
Major: Sociology  
Major Professor: Dr. Michael B. Toney  
Thesis: An Examination of the Relationship Between Migration and Occupational Mobility
- Lee, Chung-Ming Jerry**  
Taipei, Taiwan, R.O.C.  
BS: Utah State University, 1980  
Major: Engineering  
Major Professor: Dr. Clair L. Wyatt  
Thesis: Design of a Linear AC Radiant Flux Source
- Lee, Medeliene PingJue**  
Taipei, Taiwan, R.O.C.  
BS: Fu-Jen Catholic University, 1978  
Major: Computer Science  
Major Professor: Dr. Nelson T. Dinerstein  
Thesis: Plan B
- Lee, Terrence Harold**  
Sparta, Wisconsin  
BS: Utah State University, 1965  
Major: Fisheries and Wildlife  
Major Professor: Dr. William T. Helm  
Thesis: Brown Trout Perception of Ultraviolet Radiation and Possible Influence on Distribution

**Lerner, Noel Miller**

*New York City, New York*  
BS: Humboldt State University, 1981  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Thesis: Methane Generation from the Anaerobic Digestion of Date Processing Waste

**Lin, Shoo-Jung**

*Hsinchu, Taiwan, R.O.C.*  
BS: Tamkang University, 1972  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: Design of Cylindrical Shell Roof Structures

**Liu, Shin-Ming**

*Taipei, Taiwan, R.O.C.*  
BS: National Taiwan Normal University, 1977  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Plan B

**Long, Cheryle McCalmon**

*Lynnwood, Washington*  
BA: Pacific Lutheran University, 1980  
Major: Special Education  
Major Professor: Dr. K. Richard Young  
Thesis: An Investigation of the Relationship Between Fluency of a Response and Subsequent Generalization

**Loomis, Steven Allen**

*Naperville, Illinois*  
BS: Colorado State University, 1977  
Major: Watershed Science  
Major Professor: Dr. George E. Hart  
Thesis: Patterns of Soil Loss and Snowmelt from an Intermountain Rangeland Site

**Luff, Kelvan R.**

*Kimberly, Idaho*  
BS: Utah State University, 1982  
Major: Soil Science and Biometeorology  
Major Professor: Dr. R. John Hanks  
Thesis: Effect of Irrigation Frequency, Irrigation Amount, Variety, and Planting Date on the Yield of Field Beans

**Madsen, Julie**

*Sandy, Utah*  
BS: Brigham Young University, 1979  
Major: Business Education  
Major Professor: Dr. William G. Neal  
Thesis: Plan B

**Mahinda, Panapitiya Don**

*Gampaha, Sri Lanka*  
BS: University of Sri Lanka, 1973  
Major: Engineering  
Major Professor: Dr. Lyman S. Willardson  
Thesis: Evaluation of a Demand Irrigation Schedule Pilot Project

**Maki, Karen Clauson**

*Spring Grove, Minnesota*  
BS: Concordia College, 1980  
Major: Communication  
Major Professor: Dr. David R. Cassady  
Thesis: The Image of Women in the News Columns and Photographs of Two Utah Newspapers Over Time

**Malovich, Natalie Jean**

*East Aurora, New York*  
BS: Utah State University, 1978  
Major: Psychology  
Major Professor: Dr. Elwin C. Nielsen  
Thesis: The Effects of Neutral and Sex-Specific Terminology on Sex Stereotyping

**Marcus, Robin Hope**

*Philadelphia, Pennsylvania*  
BS: Utah State University, 1981  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Deloy G. Hendricks  
Thesis: Some Indications of Manganese and Copper Adequacy in Some Infant Formulas for Baby Pigs and Infants

**Marin, Hector Enrique**

*La Paz, Bolivia*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Kevan D. Sharp  
Thesis: Slope Stability Analysis Using Numerical Integration

**Marnell, Eric Tarquin**

*Monument, Colorado*  
BA: University of Colorado, 1981  
Major: Economics  
Major Professor: Dr. W. Cris Lewis  
Thesis: On The Effectiveness of Agricultural Land Use Controls

**Martin, Denise Ann**

*Redding, California*  
BS: California State University, Chico, 1975  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder  
Thesis: A Comparison of Metropolitan Life Insurance Company Height-Weight Table Classifications to Body Fat Levels in Selected College Males

**McElrath, Richard Paul**

*Long Beach, California*  
BS: Utah State University, 1981  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B

**McKamey, Laura Jo Parker**

*Bountiful, Utah*  
BS: Brigham Young University, 1979  
Major: Communicative Disorders  
Major Professor: Dr. Thomas S. Johnson  
Thesis: A Study of Normal Disfluencies in Children's Speech

**McMullen, Patrick Terrance**

*Montclair, California*  
BS: California State College, San Bernardino, 1978  
Major: Sociology  
Major Professor: Dr. Richard S. Krannich  
Thesis: Informal Groups and Dissonance Reduction in a Hazardous Work Environment: A Participant Observation Study of Uranium Mill Operators

**Meldrum, LeAnn**

*Las Vegas, Nevada*  
BS: Utah State University, 1981  
Major: Communicative Disorders  
Major Professor: Professor Carol J. Strong  
Thesis: A Comparison of Assessment Devices Used to Determine Lexical Accessing Problems in Children

**Merrill Karin Suzanne**

*Walnut Creek, California*  
BS: Utah State University, 1978  
Major: Business Education  
Major Professor: Dr. H. Robert Stocker  
Thesis: Plan B

**Miller, Brad Douglas**

*Cody, Wyoming*  
BS: Montana State University, 1978  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Gene L. Wooldridge  
Thesis: Dispersion of Silver Iodide Released from Ground-based Generators in a Winter Cloud Seeding Project.

**Mobasher, Helal**

*Tehran, Iran*  
BS: Utah State University, 1981  
Major: Sociology  
Major Professor: Dr. Moshe Hartman  
Thesis: Utah State University Student's Attitudes Toward Women's Role in Society

**Mohamed, Hussein Mustafa**

*Khartoum, Sudan*  
BS: Khartoum University, 1974  
Major: Range Science  
Major Professor: Professor Frederick D. Provenza  
Thesis: The Effects of Adaptation on *In Vitro* Digestibilities of Cinnin-containing Diets

**Mohammed, Abdulaal Abdulammer**

*Abu Ghraib, Iraq*  
BS: Utah State University, 1981  
Major: Agricultural Education  
Major Professor: Dr. Weldon S. Sleight  
Thesis: Effect of Weeding Intervals on Tomato Production

**Mok, Bruce Sai-Ming**

*Alhambra, California*  
BS: Utah State University, 1981  
Major: Engineering  
Major Professor: Dr. Jay J. Messer  
Thesis: Effects of Organics Associated with Oil Shale Development on Heavy Metal Toxicity to Phytoplankton

**Moore, Craig A.**

*Salt Lake City, Utah*  
BS: Utah State University, 1983  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Rodney J. Brown  
Thesis: Comparison of Several Forms of Equations for Predicting Cheddar Cheese Yield From Milk Composition

**Morgan, Ingrid Sally**

*Salt Lake City, Utah*  
BS: Utah State University, 1983  
Major: Agricultural Economics  
Major Professor: Dr. E. Bruce Godfrey  
Thesis: An Economic Analysis of Combinations of Apple Cultivars, Spacings, and Rootstocks in Utah

**Moshtaghi, Hamid**

*Abadan, Iran*  
BS: Texas Technical University, 1981  
Major: Engineering  
Major Professor: Dr. Lyman S. Willardson  
Thesis: Distribution Uniformity vs. Pressure, Riser Height, Nozzle Size, and Trajectory Angle

**Nault, Debra Madonna**

*Greendale, Wisconsin*  
BS: University of Wisconsin, Eau Claire, 1981  
Major: Communicative Disorders  
Major Professor: Dr. James C. Blair  
Thesis: The Effects of Selected Electroacoustic Properties of FM Systems on Speech Discrimination of Moderately Hearing Impaired Individuals in a Reverberant Classroom Condition



**Nei, Kui-Fong**

*Taipei, Taiwan, R.O.C.*  
BS: National Taiwan University, 1979  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Plan B

**Nei, Lan-Fang**

*Taipei, Taiwan, R.O.C.*  
BS: Feng Chia University, 1980  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Plan B

**Nelson, Charles Riley**

*Brigham City, Utah*  
BS: Utah State University, 1980  
Major: Biology  
Major Professor: Dr. Wilford J. Hanson  
Thesis: The Robber Flies (Diptera: Asilidae) of Utah

**Neuber, Harvey Louis**

*Logan, Utah*  
BS: Utah State University, 1971  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Gene L. Wooldridge  
Thesis: Comparisons of Snow Deposition, Soil Temperature, Matric Potential and Quasi-friction Velocity Between a Windward Site and a Lee Shelter in a Cold Desert

**Newhall, Robert Louis**

*Indianapolis, Indiana*  
BS: Utah State University, 1981  
Major: Soil Science and Biometeorology  
Major Professor: Dr. V. P. Rasmussen  
Thesis: An Evaluation of Variety-Interactions Under Conservation Tillage Wheat Cropping Systems

**Nguyen, Hoa Gia**

*Hyrum, Utah*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Professor David A. Burt  
Thesis: A Video Formatter for Infrared Measurements on the Space Shuttle

**Nielsen, Mark Russell**

*Caldwell, Idaho*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: Pullout Resistance of Welded Wire Mats Embedded in Soil

**Noble, Roger Lee**

*Golden, Colorado*  
BS: Brigham Young University, 1978  
Major: Biology  
Major Professor: Dr. John R. Simmons  
Thesis: Murine Rotavirus Infection: Characterization of the Disease and Influence of Host Malnutrition and Dietary Protein

**Obermiller, Cynthia Olson**

*New Providence, New Jersey*  
BS: University of Rhode Island, 1974  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Bonita W. Wyse  
Thesis: Development, Implementation, and Evaluation of an Education Course for the Utah State University Coordinated Undergraduate Medical Dietetics Program

**Olesen, Marc H.**

*Ogden, Utah*  
BS: Weber State College, 1981  
Major: Geology  
Major Professor: Dr. Donald W. Fiesinger  
Thesis: Structure and Petrology of Tertiary Volcanic Rocks in Parts of Toms Cabin Spring and Dairy Valley Quadrangles, (Box Elder County), Utah

**Papenfuss, Joseph Miles**

*Meridian, Idaho*  
BS: Brigham Young University, 1979  
Major: Plant Science  
Major Professor: Professor John G. Carman  
Thesis: Dicamba Enhancement of Plantlet Induction in Wheat (*Triticum aestivum*) Callus Culture

**Peck, Jo Ann Corning**

*Seattle, Washington*  
BA: University of Washington, 1973  
Major: Business Education  
Major Professor: Dr. William G. Neal  
Thesis: Plan B

**Perman, Catherine D.**

*New York, New York*  
BS: Brown University, 1975  
Major: Engineering  
Major Professor: Dr. A. Bruce Bishop  
Thesis: The Impact of Energy Development on the Salinity of the Upper Colorado River Basin

**Perng, Shiow-Huey Sophy**

*Taipei, Taiwan, R.O.C.*  
BS: National Taiwan Normal University, 1979  
Major: Computer Science  
Major Professor: Dr. Rex L. Hurst  
Thesis: Plan B

**Peters, Joni Gale**

*Bloomfield, Nebraska*  
BS: University of Nebraska, Lincoln, 1980  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Test-Retest Reliability of Auditory Event Related Potentials

**Prakash, Somayajula Surya**

*Visakhapatnam, AP, India*  
BS: Jawaharlal Nehru Technical University, 1981  
Major: Engineering  
Major Professor: Dr. J. Clair Batty  
Thesis: Effect and Control of Wind-Caused Set-Up, Seiche and Gravity Return Currents on Salt-Gradient Solar Ponds

**Prao, Felix Yao**

*N'Gorato, Ivory Coast, West Africa*  
BS: University of Abidjan, 1981  
Major: Agricultural Economics  
Major Professor: Dr. Herbert H. Fullerton  
Thesis: An Economic Analysis of Food Policy in the Ivory Coast

**Prestwich, Clarence James**

*Panaca, Nevada*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Wynn R. Walker  
Thesis: Plan B

**Pugsley, James Philip**

*Tremonton, Utah*  
BS: Utah State University, 1968  
Major: Applied Statistics  
Major Professor: Dr. David White  
Thesis: Unbalanced Analysis of Variance Comparing Standard and Proposed Approximation Techniques for Estimating the Variance Components

**Punamia, Manoj P.**

*Bombay, MH, India*  
BS: University of Bombay, 1980  
Major: Engineering  
Major Professor: Dr. P. Thomas Blotter  
Thesis: Workpiece Kinetics in Centrifugal Barrel Finishing

**Rana, Jitendra Dhoj**

*Chikamugul, Bagmati, Nepal*  
BS: College of Agricultural Engineering and Technology, 1972  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Thesis: Crop Yield as Affected by Irrigation Frequency and Amount Under Sprinkler Irrigation

**Reynaga-Valdes, Juan Ricardo**

*Saltillo, Mexico*  
BS: Universidad Autonoma Agraria Antonio Narro, 1976  
Major: Range Ecology  
Major Professor: Dr. Neil E. West  
Thesis: Effects of Pelleted Tebuthiuron on a Big Sagebrush-Grass Community in West Central Utah

**Reza, Syed Humayun**

*Lahore, Pakistan*  
BS: West Pakistan University of Engineering and Technology, 1967  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: Plan B

**Roberts, Nolan R.**

*Cedar City, Utah*  
BS: Southern Utah State College, 1980  
Major: Psychology  
Major Professor: Dr. Keith T. Checketts  
Thesis: The Prediction of Tenure and Job Performance Based on the Job Activity Preference Questionnaire (JAPQ): A Concurrent Study

**Rowland, Cynthia J.**

*Goleta, California*  
BS: University of California at Santa Barbara, 1980  
Major: Communicative Disorders  
Major Professor: Professor L. Jaclyn Littledike  
Thesis: Plan B

**Roychoudhury, Dilip Kumar**

*Calcutta, West Bengal India*  
MS: Utah State University, 1981  
Major: Engineering  
Major Professor: Dr. Doran J. Baker  
Thesis: Airglow Technique to Compute Mesospheric Temperature and Integrated Water Vapor Concentration of the Atmosphere

**Saville, Julie Oneacre**

*Smithfield, Utah*  
BS: Brigham Young University, 1975  
Major: Computer Science  
Major Professor: Dr. Donald H. Cooley  
Thesis: Plan B

**Scarbrough, Bruce Edward**

*Chatsworth, Georgia*  
BS: University of Georgia, 1981  
Major: Geology  
Major Professor: Dr. Donald W. Fiesinger  
Thesis: Structure and Petrology of the Tertiary Volcanic Rocks Within Toms Cabin Spring and Lucin N W Quadrangles, (Box Elder County), Utah

**Serna, Barbara Tomaszek**

*Shelton, Connecticut*  
BS: Southern Connecticut State University, 1978  
Major: Special Education  
Major Professor: Professor Carol R. Beasley  
Thesis: Assessment of Stress and Burnout in Utah Regular and Special Educators

**Siskind, David Eric**

*Springvalley, New York*  
BS: Cornell University, 1981  
Major: Physics  
Major Professor: Dr. W. J. Raitt  
Thesis: An Analysis of Thermal Plasma Measurements Made From the Space Shuttle

**Skinner, Robert Howard**

*Cedar City, Utah*  
BS: Southern Utah State College, 1981  
Major: Plant Science  
Major Professor: Dr. Wade G. Dewey  
Thesis: The Influence of Drought on Stand Establishment of Winter Wheat Cultivars

**Slezak, Lloyd Albert**

*Riverwoods, Illinois*  
BS: University of Wisconsin, Madison, 1980  
Major: Engineering  
Major Professor: Dr. Ronald C. Sims  
Thesis: Evaluation of Slow Rate Sand Filtration for Providing Drinking Water for Small Communities

**Smith, Gary M.**

*Logan, Utah*  
BS: Utah State University, 1967  
Major: Recreational Resource Management  
Major Professor: Dr. Richard M. Schreyer  
Thesis: Plan B

**Sobhani, Soheila**

*Tehran, Iran*  
BS: University of Tehran, 1976  
Major: Family and Human Development  
Major Professor: Dr. Jaipaul L. Roopnarine  
Thesis: Mother-Infant, Father-Infant Relationships

**Sorensen, Ronald B.**

*Dietrich, Idaho*  
BS: Utah State University, 1982  
Major: Soil Science and Biometeorology  
Major Professor: Dr. R. John Hanks  
Thesis: Influence of Planting Date, Variable Irrigation, and Seasonal Evapotranspiration on Yield of Spring Wheat

**Spencer, Terry Reed**

*Layton, Utah*  
BS: Utah State University, 1982  
Major: Economics  
Major Professor: Dr. Herbert H. Fullerton  
Thesis: Enterprise Zones: The Concept, Financing and Site Location Process

**Steed, Martin D.**

*Logan, Utah*  
BS: Utah State University, 1979  
Major: Computer Science  
Major Professor: Dr. Nelson T. Dinerstein  
Thesis: Plan B

**Stembridge, Ann Marie**

*Rockville, Maryland*  
BS: Frostburg State College, 1981  
Major: Biology  
Major Professor: Dr. John R. Simmons  
Thesis: Natural Killer Activity in Gardner's Syndrome

**Stewart, Dan B.**

*Kearns, Utah*  
BS: Utah State University, 1978  
Major: Communicative Disorders  
Major Professor: Professor L. Jacyln Littledike  
Thesis: Plan B

**Stockton, Tamalyn K.**

*Vernal, Utah*  
BS: Utah State University, 1980  
Major: Biology  
Major Professor: Dr. M. E. Barkworth  
Thesis: *Xylorhiza glabriuscula* var. *linearifolia* (Asteraceae-Astereae): Stabilized Hybrid Derivative or Evolutionary Intermediate?

**Stoddard, Scott Darrell**

*Ogden, Utah*  
BS: University of Utah, 1982  
Major: Engineering  
Major Professor: Dr. Trevor C. Hughes  
Thesis: Modeling and Analysis of Non-Agricultural Salinity Management Alternatives With Application to the Colorado River

**Stuebe, Miki M.**

*Bloomington, Indiana*  
BS: Indiana University, 1981  
Major: Biology Ecology  
Major Professor: Dr. J. A. Gessaman  
Thesis: Nutritional Ecology of the Northern Pocket Gopher: A Study of Nitrogen Balance

**Tadros, Kamal Ibrahim**

*Salt, Jordan*  
BS: Colorado State University, 1976  
Major: Range Science  
Major Professor: Dr. Philip J. Urness  
Thesis: Analysis of Wadi Vegetation in the Jordanian Hamad

**Talbot, Charlene Winegar**

*Ogden, Utah*  
BS: Utah State University, 1972  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: The Home Economics Interests of Students at Woods Cross High School

**Tanner, James Raymond**

*St. John, Kansas*  
BS: Kansas State University, 1970  
Major: Family and Human Development  
Major Professor: Dr. Brent C. Miller  
Thesis: The Use of Social Science by the United States Supreme Court in Cases Raising Husband-wife and Parent-child Legal Issues

**Taylor, Michael Jay**

*Northport, New York*  
BS: University of Rhode Island, 1975  
Major: Toxicology  
Major Professor: Dr. Raghbir Prasad Sharma  
Thesis: Effect of Repeated Low Level T-2 Toxin Exposure on the Murine Immune System

**Trostle, Patricia Bohm**

*Logan, Utah*  
BS: Boston University, 1971  
Major: Biology  
Major Professor: Dr. Nabil N. Youssef  
Thesis: An Electron Microscopic Study of the Gill Chamber of a Dragonfly Nymph (Odonata: Anisoptera)

**Tuttle, Tamra**

*Fort Collins, Colorado*  
BS: Utah State University, 1981  
Major: Biochemistry  
Major Professor: Dr. Elizabeth A. Boeker  
Thesis: Time Course of Enzyme Catalyzed Reactions: The Stoichiometry A-P+Q

**Ukpe, Bernard P.**

*Abak, Crs, Nigeria*  
BS: Utah State University, 1981  
Major: Agricultural Education  
Major Professor: Dr. James L. Bushnell  
Thesis: Plan B

**Ustunol, Zeynep**

*Ankara, Turkey*  
BS: Utah State University, 1981  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Rodney J. Brown  
Thesis: Effects of Heat Treatment and Post-Treatment Holding Time on Rennet-clotting Properties of Milk

**Wagley, Lyla Margaret**

*Annawan, Illinois*  
BS: University of New Mexico, 1975  
Major: Biology  
Major Professor: Dr. Nabil N. Youssef  
Thesis: The Effect of the Antifertility Agent, Af1312/TS on the Testis and Epididymis of the Laboratory Mouse: A Light and Electron Microscope Study

**Wareham, Joan Vivian**

*Jeanette, Pennsylvania*  
BS: Indiana University of Pennsylvania, 1979  
Major: Family and Human Development  
Major Professor: Dr. Catherine A. Surra  
Thesis: The Effects of Pregnancy on Behavioral Interdependence in Premarital Relations

**Warner, Mark Jacob**

*North Ogden, Utah*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Alma P. Moser  
Thesis: Finite Element Analysis of Buried Fiberglass Reinforced Plastic Pipe

**Way, Shan Tai**

*Taipei, Taiwan, R.O.C.*  
BS: National Taiwan University, 1978  
Major: Engineering  
Major Professor: Dr. Winfred O. Carter  
Thesis: Plan B

**Wei, Tzengyuan Richard**

*Tung-Shih, Taiwan, R.O.C.*  
BS: National Cheng Kung University, 1976  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: Plan B

**Weintraub, Jeffrey Alan**

*Las Vegas, Nevada*  
BS: Utah State University, 1982  
Major: Economics  
Major Professor: Dr. Basudeb Biswas

White, Brent L.

*Ogden, Utah*

BS: Utah State University, 1982

Major: Engineering

Major Professor: Dr. Vance T. Christiansen

Thesis: Earth-Sheltered Housing: A State-of-the-Art Study of Structural, Financial and Building Issues

Whyte, Grace Ibiba

*Abomema, Rivers, Nigeria*

BS: Ahmadu Bello University, 1976

Major: Chemistry

Major Professor: Dr. William M. Moore

Thesis: The Photochemical Reduction of Flavins by Ethylenediaminetetraacetic Acid

Williams, Susan Thomas

*Gibbsland, Louisiana*

BS: Southern Methodist University, 1978

Major: Communicative Disorders

Major Professor: Dr. Steven H. Viehweg

Thesis: Auditory Brainstem Response Characteristics in Male Stutterers and Non-stutterers

Wilson, Kenneth Ray

*Sacramento, California*

BS: University of California, Davis, 1978

Major: Fisheries and Wildlife

Major Professor: Dr. David R. Anderson

Thesis: Evaluation of a New Trapping Web Design and Analysis Method for Estimating Density of Small Mammal Populations

Wong, Ping-Wah

*Kowloon, Hong Kong*

BS: Utah State University, 1981

Major: Computer Science

Major Professor: Dr. Gregory W. Jones

Thesis: Plan B

Wu, Horng-Yu

*Lo-Tung I-Lan, Taiwan, R.O.C.*

BS: Soochow University, 1980

Major: Physics

Major Professor: Dr. W. J. Raitt

Thesis: Plan B

Wu, Len-Hong

*Taipei, Taiwan, R.O.C.*

BS: Chuan Yung College, 1976

Major: Applied Statistics

Major Professor: Dr. Ronald V. Canfield

Thesis: Correction of Bias in Estimating Autocovariance Function

Young, Louise P.

*Smithfield, Utah*

BS: Utah State University, 1964

Major: Home Economics and Consumer Education

Major Professor: Dr. Tom C. Peterson

Thesis: Telecommunications Offering Systems as an Alternative Method of Shopping for Women in Utah

Zgheib, Philippe Wadih

*Byblos, Lebanon*

BS: Utah State University, 1983

Major: Engineering

Major Professor: Dr. Reynold K. Watkins

Thesis: Plan B

Zurcher, Eric James

*Brewster, Ohio*

AB: Malone College, 1974

Major: Biology Ecology

Major Professor: Dr. James A. MacMahon

Thesis: A Comparison of the Desiccation Resistances of Three Species of Crab Spiders Occurring Sympatrically in Northern Utah

Zych, Gary Francis

*McKeesport, Pennsylvania*

BS: Pennsylvania State University, 1978

Major: Engineering

Major Professor: Dr. J. Paul Riley

Thesis: Development and Hydrologic Routing of the Probable Maximum Flood for the Proposed Manantali Dam in the Senegal River Basin

## Master of Social Sciences

Anukularmphai, Supaporn

*Bangkok, Thailand*

BEC: Thammasat University, 1974

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Ashbaker, Carleen

*Clearfield, Utah*

BS: Weber State College, 1974

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Bachstetter, Rich P.

*Midvale, Utah*

BS: Westminster College, 1978

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Baron, Steven Nichols

*Kanab, Utah*

BS: Northern Arizona University, 1971

Major: Interdisciplinary Program

Major Professor: Dr. Peter F. Galderisi

Thesis: Plan B

Bessinger, Kris L.

*Honeyville, Utah*

BS: Utah State University, 1982

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Burns, Robert Gerald

*Boston, Massachusetts*

BS: University of Massachusetts, 1970

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan C

Busby, Rodney L.

*Richfield, Utah*

BS: Washington State University, 1972

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan B

Chambers, James Robert

*Logan, Utah*

BS: Utah State University, 1981

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Cooper, Louis K.

*Clearfield, Utah*

BS: Weber State College, 1976

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan C

Fife, Leland O.

*Cedar City, Utah*

BS: Southern Utah State College, 1972

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan B

Horlacher, Rori

*Logan, Utah*

BS: Utah State University, 1979

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan C

Jackson, Stephen H.

*Glenwood, Utah*

BS: University of Utah, 1968

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan B

Laufenberg, Rosemary

*Twin Falls, Idaho*

BS: Boise State University, 1978

Major: Interdisciplinary Program

Major Professor: Dr. Gary B. Hansen

Thesis: Plan C

Liptrot, Michael Stanley

*Ogden, Utah*

MS: Colorado State University, 1971

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan C

Lords, Nancy Lynn

*Layton, Utah*

BS: University of Maryland, 1971

Major: Interdisciplinary Program

Major Professor: Dr. Mark W. Lusk

Thesis: Plan C

McDonald, Stephen Parley

*Salt Lake City, Utah*

BS: University of Utah, 1977

Major: Interdisciplinary Program

Major Professor: Dr. Peter F. Galderisi

Thesis: Plan B

McPherson, N. Adair

*Newton, North Carolina*

BS: University of North Carolina, Chapel Hill, 1976

Major: Interdisciplinary Program

Major Professor: Dr. Frank R. Ascione

Thesis: Plan B

Monarque, Judy Ann

*Cedar City, Utah*

BS: Southern Utah State College, 1982

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan B

Nielson, Ted Kelly

*Ephraim, Utah*

BS: Utah State University, 1982

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan C

Phillips, James I.

*Logan, Utah*

BS: Utah State University, 1982

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan C

Purvis, Charles Lee

*Layton, Utah*

BA: Park College, 1976

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C

Sessions, Jeffry Lyn

*Ogden, Utah*

BS: Brigham Young University, 1982

Major: Interdisciplinary Program

Major Professor: Dr. John R. Cragun

Thesis: Plan C

Snow, Richard Jay

*Ephraim, Utah*

BS: Utah State University, 1970

Major: Interdisciplinary Program

Major Professor: Dr. Calvin W. Hiibner

Thesis: Plan B

Stirling, Clyde Barrie

*Sandy, Utah*

BS: University of Utah, 1973

Major: Interdisciplinary Program

Major Professor: Dr. Marion T. Bentley

Thesis: Plan B

Ward, Debra Jane

*Murray, Utah*

BS: Weber State College, 1977

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan B

Weaver, EdWynn S.

*Orem, Utah*

BA: Southern Utah State College, 1978

Major: Interdisciplinary Program

Major Professor: Dr. Mark W. Lusk

Thesis: Plan B

Weight, Randy K.

*Springville, Utah*

BS: Brigham Young University, 1983

Major: Interdisciplinary Program

Major Professor: Dr. Ross E. Robson

Thesis: Plan C



## Utah State Board of Regents

Kem C. Gardner, Salt Lake City  
*Chairman*

Ernest D. Mariani, Salt Lake City  
*Vice Chairman*

Elva M. Barnes, Bountiful  
Ralph S. Blackham, Moroni  
W. Hughes Brockbank, Salt Lake City  
E. LaMar Buckner, Ogden  
J. Thomas Greene, Salt Lake City  
Donald B. Holbrook, Salt Lake City  
Reba L. Keele, Provo  
Neal A. Maxwell, Salt Lake City

David S. Monson, Salt Lake City  
Robert L. Newey, Ogden  
Wayne Owens, Salt Lake City  
Frank J. Petty, Cedar City  
Steven E. Snow, Washington  
Glen L. Taggart, Logan  
Mont Wright, Logan

## Utah State University Institutional Council

James E. Brown, Tremonton  
*Chairman*

John T. Caine, Ogden  
*Vice Chairman*

Kenneth G. Anderton, Vernal  
David H. Chambers, Logan  
Horace 'Hod' J. Gunn, Salt Lake City  
W. Eugene Hansen, Salt Lake City

Alfred W. Koch, Preston  
Leonard W. McDonald, Bountiful  
Glenn J. Mecham, Ogden  
Boyd W. Munns, Garland

## Commencement Committee

William F. Lye, University Relations  
*Chairman*

C. Blythe Ahlstrom, *President's Office*  
Susan Ahlstrom, *Graduate Student*  
J. LaMar Anderson, *College of Agriculture*  
Gail Baker, *School of Graduate Studies*  
Kent Christensen, *Undergraduate Student*  
Richard C. Haycock, *College of Humanities, Arts and Social Sciences*  
Izar A. Martinez, *College of Education*  
Donald L. Miller, *College of Engineering*  
William G. Neal, *College of Business*  
Rosemary Nichols, *College of Natural Resources*  
Sheridan B. Pew, *University Relations*  
John R. Simmons, *School of Graduate Studies*  
Frances G. Taylor, *College of Family Life*  
Russell C. Thompson, *College of Science*

*Commencement mural and program sketches by Glen L. Edwards, associate professor, Department of Art.*

# Alma Mater Hymn

COMPOSED BY THEODORE M. BURTON

Across the quad at eventide the shadows softly fall,

The tower of Old Main appears and peace rests over  
all.

The lighted "A" upon the hill stands out against the  
blue;

Oh, Alma Mater, Utah State, my heart sings out to  
you.

And through the years as time rolls on and student  
friendships grow,

We'll ne'er forget the joys we had, those days we used  
to know,

Thy mem'ries ever will be new, thy friends be ever  
true.

Oh, Alma Mater, Utah State, my heart sings out to  
you.



UTAH STATE UNIVERSITY